3RD FIVE YEAR PLAN
MADRAS STATE-PROGRAMME

1962-63

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MADRAS

FINANCE (PLANNING & DEVELOPMENT) DEPARTMENT

THIRD FIVE-YEAR PLAN
MADRAS STATE

PROGRAMME FOR 1962-63

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INTRODUCTION.

This publication presents the programme for 1962–63 under the Third Five-Year Plan for the Madras State. A Draft Plan was prepared within the broad frame-work of the Third Five-Year Plan with reference to the progress made in the implementation of schemes during the current year. This was discussed with the Planning Commission and the Ministries of the Government of India on the 24th and 25th November 1961. Schemes involving an expenditure of roughly Rs 55 crores have been provided in the Budget Estimate for 1962–63. Brief notes on the important schemes included in the Budget are given in the following chapters under various heads of development.

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THIRD FIVE-YEAR PLAN—MADRAS STATE.

Programme for 1962–63 at a glance.

Head of Development.	*Third Plan Provision.*	*Revised Estimate,* 1961–62.	*Budget Estimate,* 1962–63.
(1)	(2)	(3)	(4)
	(RS IN CRORES.)		
I. AGRICULTURAL PROGRAMME—			
1. Agricultural Production	10·67	1·58	2·08
2. Minor Irrigation	12·80	2·28	2·40
3. Soil Conservation	2·50	0·44	0·54
4. Animal Husbandry	3·52	0·41	0·47
5. Dairying and Milk-Supply	2·75	1·09	0·61
6. Forests	2·12	0·28	0·33
7. Fisheries	2·22	0·51	0·33
8. Marketing and Warehousing	0·40	0·01	0·05
TOTAL—I.	36·98	6·60	6·81
II. CO-OPERATION AND COMMUNITY DEVELOPMENT—			
1. Co-operation	4·71	1·02	0·99
2. Community Development	20·36	4·41	4·86
3. Panchayats	0·11	..	..
TOTAL—II.	25·18	5·43	5·85
III. IRRIGATION AND POWER—			
1. Irrigation	27·42	5·06	5·10
2. Power	100·19	18·20	18·50
TOTAL—III.	127·61	23·26	23·60

Head of Development.	*Third Plan Provision.*	*Revised Estimate, 1961–62.*	*Budget Estimate, 1962–63.*
(1)	(2)	(3)	(4)
	(Rs in crores.)		
IV. **Industry and Mining**—			
1. Large and Medium Industries	3·35	0·18	0·11
2. Village and Small Industries	20·16	3·24	4·20
Total—IV.	23·51	3·42	4·31
V. Transport and Communication—			
1. Roads	11·00	1·81	2·23
2. Tourism	0·25	0·01	0·08
Total—V.	11·25	1·82	2·31
VI. Social Services—			
1. General Education	25·64	2·31	3·58
2. Technical Education	6·52	0·67	1·20
3. Health	21·50	5·21	5·21
4. Housing	7·00	1·17	1·28
5. Welfare of Backward Classes	3·26	0·58	0·60
6. Social Welfare	0·52	..	0·02
7. Labour and Labour Welfare	1·33	0·10	0·28
Total—VI.	65·77	10·04	12·17
VII. Miscellaneous—			
1. Statistics	0·24	0·04	0·05
2. Information and Publicity	0·35	0·05	0·05
Total—VII.	0·59	0·09	0·10
GRAND TOTAL	290·89	50·66	55·15

THIRD FIVE-YEAR PLAN—MADRAS STATE PROGRAMME FOR 1962–63.

AGRICULTURE.	(RS IN LAKHS.)
Third Plan Provision	10,66·50
Revised Estimate for 1961–62 ..	1,58·27
Budget Estimate for 1962–63 ..	2,08·37

I. AGRICULTURE.

The food production of the Madras State in 1960–61, the last year of the Second Five-Year Plan was 53·24 lakhs tons. The target for additional production of foodgrains for the Third Plan is 16·54 lakhs tons bringing the total production to Rs 69·54 lakhs in the last year of the Third Plan. As against this, the anticipated additional production in 1961–62 is 3·85 lakhs tons and the target of additional production for 1962–63 is 3·05 lakhs tons. The production of other agricultural commodities such as Cotton, Sugarcane, Oil seeds, and Coconut will also be stepped up as shown in the table below :—

Name of Commodity.	*Estimated production in* 1960–61.	*Target of additional production during Third Plan.*	*Anticipated additional production in* 1961–62.	*Target of additional production in* 1962–63.	*Targetted total production in* 1962–63.
(1)	(2)	(3)	(4)	(5)	(6)
Cotton (lakhs bales)	4·19	1·00	0·20	0·20	4·59
Sugarcane (lakhs tons).	39·91	10·00	2·00	2·05	43·96
Oil seeds (lakhs tons).	10·32	2·90	0·55	0·61	11·48
Coconut (million nuts).	436	101	21	20	477

The additional production is sought to be achieved by provision of additional irrigation facilities particularly by way of minor irrigation works, by use of chemical fertilizers, by enlarging the intensive cultivation measures and by soil conservation and reclamation of lands.

Details of the important schemes included in the Plan for 1962–63 are given below :—

1. STATE SEED FARMS.

	(RS IN LAKHS.)
Third Plan Provision	1,00·00
Revised Estimate for 1961–62	21·36
Budget Estimate for 1962–63	33·44

The object of the scheme is to establish State Seed Farms for the production of primary seeds of improved strains of Paddy and Millets and supply them to the Gramasahayaks for multiplication in Secondary (Village) Seed Farms. It has been proposed to establish 80 more State Seed Farms during the first two years of the Third Plan and provide necessary facilities by way of buildings, equipment, etc., to existing farms and acquire some of the requisitioned farms which have been found to work efficiently.

Though it was programmed to start forty out of this eighty Seed Farms during 1961–62, it is expected that on account of the difficulties experienced in securing suitable Government poramboke and private lands, only thirty farms will be actually started. During 1962–63, besides making up the shortfall, forty more farms are proposed to be opened.

Stores have been constructed and quarters have been provided in State Seed Farms. Administrative approval has been accorded for construction of seed stores in 28 State Seed Farms. Quarters have also to be constructed in 16 centres during 1961–62.

During 1962–63, it is proposed to acquire 18 farms of 25 acres each and construct seed stores for 31 farms at 2 stores for each. It is also proposed to provide irrigation facilities for 28 farms and reclaim the lands in a total area of 395 acres during the year.

2. GREEN MANURE.

	(RS IN LAKHS.)
Third Plan Provision	25·00
Revised Estimate for 1961–62	1·60
Budget Estimate for 1962–63	5·00

Crop production depends upon the extent of application of nitrogenous manure to the soil and the use of green manure for this purpose, has been widely recognized. A quantity of 2,500 tons of green manure seeds is expected to be distributed during 1961–62 and a quantity of 3,000 tons of the same is targetted to be distributed during 1962–63. As during the current year, the seeds will be sold at a subsidized rate of 80 per cent of the cost of seeds. This programme will be implemented through Panchayat Unions.

3. SUPPLY SCHEMES.

(1) Development of Local Manurial Resources.

	(RS IN LAKHS.)
Third Plan Provision	35·00
Revised Estimate for 1961–62	4·25
Budget Estimate for 1962–63	4·25

The object of the scheme is to utilize all the available rural wastes and convert them into good quality compost to enrich the soil fertility.

A quantity of 21·41 lakhs tons of compost is expected to be produced and used for raising crops during 1961–62. This production will be stepped up to 28 lakhs tons during 1962–63.

(2) Nightsoil Compost.

	(RS IN LAKHS.)
Third Plan Provision	20·00
Revised Estimate for 1961–62	5·64
Budget Estimate for 1962–63	4·05

The scheme for the conversion of nightsoil into valuable compost manure is being implemented in bigger Panchayats having a population of 2,000 to 4,000 and also in selected village Panchayats with a population of 1,000 and below. It will be extended to more villages year after year. Each centre will be provided with required financial assistance by way of loan, grant and subsidy. The target for 1962–63 is production of 1·34 lakhs tons of compost.

(3) Urban Compost.

	(RS IN LAKHS.)
Third Plan Provision	50·00
Revised Estimate for 1961–62	8·05
Budget Estimate for 1962–63	11·78

Municipalities and notified Panchâyats undertake the manufacture of compost by utilising the urban wastes such as nightsoil, sweepings, etc. For this purpose they are being provided financial assistance by way of loan and subsidy.

A quantity of 4·40 lakhs tons of compost is expected to be produced by them during 1961–62. This quantity will be increased to 4·80 lakhs tons in 1962–63.

A Sewage Development Officer is proposed to be appointed in 1962–63 to attend to sewage utilisation.

(4) DISTRIBUTION OF IMPROVED SEEDS.

	(RS IN LAKHS.)
Third Plan Provision	70·00
Revised Estimate for 1961–62	3·15
Budget Estimate for 1962–63	18·31

This comprises two schemes, viz.—

(i) Distribution of improved seeds through the Department.

(ii) Distribution of improved seeds through Gramasahayaks.

The distribution of seeds by Gramasahayaks is a newly introduced one and adequate number of Gramasahayaks have been nominated in Stage I and II Blocks and they have been supplied with the required primary seeds. The seeds produced by Gramasahayaks will be distributed to ryots on the recommendation of the local panchayats. The primary seeds required are being produced in the State Seed Farms and also in Seed Farms run by the Department. The ultimate aim is to produce adequate quantity of primary seeds through the State Seed Farms and this can be achieved only when all the 210 farms are established. The Gramasahayak Service is to be implemented through Panchayat Unions.

The following targets have been fixed for 1961–62 and 1962–63 :—

	Anticipated in 1961–62.	*Target for* 1962–63.
	TONS.	TONS.
Paddy—Primary Seed Farms	2,500	2,500
Village Seed Farms	37,500	37,500
Millets—Primary Seed Farms	400	400
Village Seed Farms	6,000	6,000

(5) SCHEME FOR THE DISTRIBUTION OF CHEMICAL FERTILISERS.

The Scheme for the distribution of Chemical Fertilisers is one of the schemes included under the Third Five-Year Plan and it is worked as a Government Trading Scheme on a no profit—no loss basis.

The following quantities are targetted for distribution during 1962–63 :—

	Target for Third Plan.	*Quantity anticipated to be distributed in* 1961–62.	*Quantity targetted for* 1962–63.
	LAKHS TONS.	LAKHS TONS.	LAKHS TONS.
Nitrogenous (in terms of ammonium sulphate).	5·80	2·00	3·56 *
Phosphatic	3·20	1·00	1·75
Potassic	0·90	0·20	0·40

* The actual distribution will depend on the allocations to be made by Government of India.

(6) Japanese Method of Paddy Cultivation.

A total area of 23 lakhs acres is proposed to be covered under this scheme during 1961–62. This improved method of raising paddy crop will be extended further so as to reach an area of 28 lakhs acres under this at the end of 1962–63.

(7) Plant Protection.

	(Rs in lakhs.)
Third Plan Provision	1,00·00
Revised Estimate for 1961–62	25·36
Budget Estimate for 1962–63	27·87

Control of pests and diseases.—Insecticides and fungicides are distributed at concessional rates to ryots to enable them to control effectively pests and diseases occurring on food crops. This concession is extended to non-food crops in certain special cases. An area of 10·50 lakhs acres is expected to be covered under food crops by these measures during 1961–62. During 1962–63, this work will be further intensified so as to achieve a target of 13·50 lakhs acres.

Supply of sprayers and dusters at concessional rates to ryots.—Under this scheme sprayers and dusters are being supplied to needy ryots at 50 per cent concessional rate. A total of 2,500 sprayers and 500 dusters are proposed to be supplied to ryots before 31st March 1962. During 1962–63, a further 2,500 sprayers and 500 dusters are proposed for distribution.

(8) Improved Agricultural Implements.

	(Rs in lakhs.)
Third Plan Provision	20·00
Revised Estimate for 1961–62	7·48
Budget Estimate for 1962–63	11·51

A programme for the manufacture of the improved agricultural implements and to sell them at 25 per cent concessional rate was drawn up and sanctioned for immediate implementation. The scheme will be continued during 1962–63, and the target number of 1·5 lakhs of the improved implements will be supplied to farmers in 1962–63.

4. COMMERCIAL CROPS.

(1) Cotton.

	(Rs in lakhs.)
Third Plan Provision	25·00
Revised Estimate for 1961–62	0·42
Budget Estimate for 1962–63	0·47

The scheme aims at stepping-up the production of cotton in Madras State by one lakh bales during the Third Plan period. From 1962–63 onwards it is proposed to combine the Cotton Extension Scheme and Cotton Seed Multiplication Schemes. For 1961–62, the target of additional production of 20,000 bales of cotton is expected to be achieved. For 1962–63, it has been proposed to achieve a target of 40,000 bales of cotton both through extensive and intensive cultivation methods.

(2) SUGARCANE.

	(RS IN LAKHS.)
Third Plan Provision	50·00
Revised Estimate for 1961–62	13·10
Budget Estimate for 1962–63	14·74

Sugarcane development.—The object of the scheme is to increase the yield of sugarcane by introducing improved varietal, cultural and manurial practices and by giving aid to the growers for adopting the improved methods advocated by the department. An extra 2·00 lakhs tons of cane is expected to be produced during 1961–62.

A cumulative target of 4·05 lakhs tons of cane has been fixed for 1962–63.

Road Development in Sugar Factory areas.—To facilitate easy and quick transport of canes to the factories by the ryots, a programme for improving roads leading to Sugar Factories will be executed during the Third Plan period. This programme will cover all factory areas in this State. The anticipated expenditure in 1961–62 on this programme is Rs 9 lakhs. A provision of Rs 12 lakhs has heen made for this programme in 1962–63.

(3) OIL SEEDS.

	(RS IN LAKHS.)
Third Plan Provision	30·00
Revised Estimate for 1961–62	4·59
Budget Estimate for 1962–63	6·13

The Integrated Oil Seeds Development Scheme which includes within its purview the following aspects aimed at stepping up the level of production of oil seeds is being implemented in 1961–62 for achieving overall additional production of 2·90 lakhs tons at the end of the Third Plan :—

(i) Intensification of propaganda and demonstration for extensive and intensive methods of cultivation.

(ii) Running eight Zonal Nucleus Seed Farms for multiplication and supply of improved oil seeds.

(iii) Organising Plant Protection Squads for control of pests and diseases of oil seed crop.

It is expected to achieve an additional production of 55,000 tons of oil seeds during 1961–62. The work will be further intensified in 1962–63 to secure an additional production of 1·16 lakhs tons of oil seeds over the level in 1960–61 which was 10·50 lakhs tons.

(4) CASHEW DEVELOPMENT IN OTHER THAN FOREST AREAS.

	(RS IN LAKHS.)
Third Plan Provision	10·00
Revised Estimate for 1961–62	1·61
Budget Estimate for 1962–63	1·20

The object of the scheme is to extend the cultivation of cashewnut over an area of 10,000 acres during the Third Plan period. The main objective is to establish nurseries and distribute good quality plantation materials and provide free technical guidance to growers. Long-term loan at the rate of Rs 80 per acre is also offered under the scheme as an inducement to them to take up large-scale plantings. A quantity of 6,000 lb. of seeds is estimated to be distributed during 1961–62 to cover 2,000 acres.

It is proposed to cover another 2,000 acres during 1962–63 by distributing 6,000 lb. of selected seeds and seedlings.

(5) Cashew Plantation in Forest Areas.

	(Rs in lakhs.)
Third Plan Provision	10·00
Revised Estimate for 1961–62	1·96
Budget Estimate for 1962–63	2·41

The cashew plantations will be raised in forest areas over 10,000 acres during the Plan period. 2,250 acres in 1961–62 and 2,600 acres in 1962–63 will be planted with cashew.

(6) Coconut.

	(Rs in lakhs.)
Third Plan Provision	35·00
Revised Estimate for 1961–62	5·00
Budget Estimate for 1962–63	12·14

This consists of the following schemes :—

(i) Coconut Nurseries.

(ii) Extension of coconut cultivation in Coastal Ramanathapuram district.

(iii) Coconut Demonstration Farms in Kazhuveli swamp area of Tindivanam taluk.

(iv) Mother palms competition.

(v) Parasite Breeding Stations.

(vi) Increasing production of coconut oil by extensive and intensive cultivation methods.

The targetted number of 247,500 seedlings is expected to be distributed during 1961–62. A similar target of distribution has been fixed for 1962–63.

(7) Horticulture.

	(Rs in lakhs.)
Third Plan Provision	25·00
Revised Estimate for 1961–62	5·53
Budget Estimate for 1962–63	4·90

Fruit Development.—This scheme envisages increasing fruit production by extending the area under fruit cultivation and by improving the existing orchards. Long-term loans of Rs 300 per acre for new orchards and short-term loans of Rs 65 for rejuvenation of old orchards are given under the scheme. It is proposed to have 800 acres of new orchards and rejuvenate old orchards to an extent of 2,100 acres during 1961–62. During 1962–63, 900 acres of new orchards and 3,000 acres of old orchards are proposed to be tackled.

Model Orchard-cum-*Nurseries.*—There are at present six model orchard-*cum*-nurseries functioning at Thimmapuram, Periyakulam, Coonoor, Courtallam, Kodaikanal and Athoor. The need for more model orchards-*cum*-nurseries in other regions of the State is being keenly felt to meet the demands of the public for quality plants. One more centre under the existing sanction is expected to be opened in Thanjavur-Tiruchirappalli area during the current year. Proposals for starting three more centres in other regions are under consideration.

(8) Lac Development.

	(Rs in lakhs.)
Third Plan Provision	3·00
Revised Estimate for 1961–62	0·35
Budget Estimate for 1962–63	0·56

During the Plan period, Lac will be produced in 15 centres including six new centres. During 1961–62, six centres were opened and Lac production has been started. Besides this, 100 acres will be planted with Lac host trees. During 1962–63, the Lac production will be continued and Lac host trees raised over another 120 acres.

5. AGRICULTURAL EDUCATION.

(1) Establishment of a Pre-Professional College inclusive of buildings for staff.

	(Rs in lakhs.)
Third Plan Provision	20·00
Revised Estimate for 1961–62	1·00
Budget Estimate for 1962–63	4·00

Till now the Pre-Professional Course in Agriculture was run by Government Arts College, Coimbatore, and St. Xavier's College, Palayamkottai. The question of integrating the Pre-Professional Course in Agriculture with the regular Three-year Degree Course of B.Sc. (Agri.) was taken up by the University of Madras and the integrated course at the Agricultural College, Coimbatore, was started during 1961–62.

The new course provides for training in practical agriculture in modern and improved methods even during the first year of the Four-year B.Sc. (Agri.) Course.

(2) Agricultural Schools.

	(Rs in lakhs.)
Third Plan Provision	Nil.
Revised Estimate for 1961–62	0·76
Budget Estimate for 1962–63	1·39

Sanction has recently been accorded for the establishment of six Agricultural Schools in the Madras State. These have been established at the following centres :—

(1) Katpadi, North Arcot district.

(2) Bhavanisagar, Coimbatore district.

(3) Paramakudi, Ramanathapuram district.

(4) Karaiyiruppu, Tirunelveli district.

(5) Sakkottai, Thanjavur district.

(6) Kakuppam, South Arcot district.

They will be continued during 1962–63.

(3) Establishment of a Training College and opening of New Post-Graduate Course.

	(Rs in lakhs.)
Third Plan Provision	20·00
Revised Estimate for 1961–62	3·63
Budget Estimate for 1962–63	2·99

The following three schemes envisaging provision of additional facilities for Post-Graduate Research Work leading to M.Sc. and Ph.D. Degrees were sanctioned recently :—

(1) Research on Plant Nematodes in Madras.

(2) Research on Virus diseases of crop plants.

(3) Setting up of a Radio Isotopes (tracer) Laboratory.

Arrangements for implementation of these schemes are in progress. They will be continued during 1962–63.

Construction of administrative block in the Agricultural College and Research Institute, Coimbatore.

The Central office attached to the Agricultural College is located in the old malt factory building. As the space available is inadequate it is proposed to construct a new block for the office staff for keeping records and stores at an estimated cost of Rs 4 lakhs. A provision of Rs 2 lakhs has been included in the Budget for expenditure on the scheme in 1962–63.

6. AGRICULTURAL RESEARCH.

(1) Research Schemes.

	(Rs in lakhs.)
Third Plan Provision	60·00
Revised Estimate for 1961–62	2·48
Budget Estimate for 1962–63	3·38

A provision of Rs 3·38 lakhs has been made for 1962–63 for implementing the new schemes proposed and some of the schemes carried over from Second Plan period. The list of schemes already under implementation is apppended. The details of new Research Schemes proposed are given below :—

(i) Research on bionomics and control of the Red Hairy Caterpillar on Groundnut

(ii) Investigation of Virus diseases of groundnut.

(iii) Investigation of coconut wilt diseases.

(iv) Routine oil analysis at the Oilseeds section, Coimbatore.

(v) Research on the Physiology of Nutrition of Gingelly.

(vi) Improvement of important condiments in Madras State.

(vii) Investigation of seed borne microflora on cereals.

(viii) Improvement of Irungu Cholam.

(ix) Study on the comparative value of organic and inorganic nutrient sprays.

(x) Research on some South Indian mites of economic importance and control.

(xi) Scheme for Research on Linaloe.

(2) Soil Testing.

	(Rs in lakhs.)
Third Plan Provision	8·00
Revised Estimate for 1961–62	0·82
Budget Estimate for 1962–63	1·94

The object of the scheme is to analyse and recommend fertilizer application for crops in farmers' fields based on soil tests with a view to get maximum yields. Two new centres are proposed to be started at Cuddalore and Koilpatti during 1961–62. Opening of other centres during 1962–63 would depend on the progress made at the above two centres.

7. AGRICULTURAL EXTENSION TRAINING SCHEMES.

	(Rs in lakhs.)
Third Plan Provision	25·00
Revised Estimate for 1961–62	0·11
Budget Estimate for 1962–63	1·31

The following training schemes have been included in the Third Five-Year Plan under "Agricultural Production—Extension Training" :—

(i) Establishment of new workshop wings for training schemes.

(ii) Scheme for Refresher training of Gramasevaks.

(iii) Scheme for organizing village youth activities.

(iv) Scheme for Refresher training of Gramasevikas.

(v) Expansion of Rural Extension Training Centres.

Sanction has been accorded for the establishment of two workshop wings at the Rural Extension Training Centres, S.V. Nagaram and Pattukkottai. The question of construction of buildings for the above workshop wings is under consideration and the workshops will start functioning soon after the buildings are completed. About 100 artisans are expected to be trained in these wings during the Third Plan. During 1962–63, 40 artisans are proposed to be trained.

An additional centre for the conduct of Refresher course for Gramasevaks at the Rural Extension Training Centre, S.V. Nagaram, has also been sanctioned and the scheme is proposed to be implemented with effect from 1st April 1962. In the meantime, steps will be taken to provide the additional accommodation required at the centre. About 150 Gramasevaks will undergo the Refresher training at the Rural Extension Training Centre, S.V. Nagaram, per year.

The other training schemes included under the Third Plan will be taken up for implementation in due course.

8. OTHER ADDITIONAL SCHEMES.

(1) Tobacco.

	(Rs in lakhs.)
Third Plan Provision	3·00
Revised Estimate for 1961–62	0·64
Budget Estimate for 1962–63	0·69

The main object of the scheme is to improve the yields and quality of chewing and smoking tobacco in the State by imparting technical knowledge to tobacco growers by carrying out propaganda and demonstrations on scientific methods of cultivation, harvesting, curing, processing, handling, grading, storage and disposal.

(2) Intensive Agricultural District Programme.

	(Rs in lakhs.)
Third Plan Provision	1,50·00
Revised Estimate for 1961–62	8·67
Budget Estimate for 1962–63	17·56*

The scheme envisages intensification of agricultural production in selected areas on a pilot basis for five years. The essential feature is that individual farm production plans are prepared to meet the full requirements of each farm and thus facilitate increased production of crops.

(3) Agricultural Statistics.

	(Rs in lakhs.)
Third Plan Provision	11·38
Revised Estimate for 1961–62	0·25
Budget Estimate for 1962–63	0·42

Four schemes have been included under this scheme. The action taken and progress anticipated in 1961–62 and the programme for 1962–63 are given below.

* Includes a grant of Rs 6·79 lakhs from Ford Foundation.

(i) Scheme for improvement of Market Intelligence.

The scheme aims at improvement in regard to dissemination of objective and reliable information on different aspects of market intelligence, covering prices, arrivals, stocks, despatches, market sentiments, etc., at important market centres. In the year 1961–62, 20 centres will be covered in addition to 44 centres already covered in the Second Plan. Action has been taken to appoint necessary staff at 20 centres for reporting market intelligence data. Thirty-six more centres will have to be covered according to phased programme in the Third Plan. It is proposed to extend the scheme to ten important market centres in the year 1962–63.

(ii) Coconut and Arecanut Surveys.

These surveys will be continued in the Third Plan from the fourth year of the Third Plan.

(iii) Purchase of Mechanical Equipment "Hollerith 80 Col."

Necessary action has been taken to obtain the required foreign exchange for importing the above equipment.

9. LAND DEVELOPMENT.

(1) Tractor Hiring.

	(RS IN LAKHS.)
Third Plan Provision	50·00
Revised Estimate for 1961–62	27·33
Budget Estimate for 1962–63	0·72

Tractors owned by this department are hired out to ryots under this scheme. It is proposed to purchase 21 Russian tractors in 1961–62. An area of 8,500 acres of virgin lands and 12,500 acres of current fallows are expected to be covered during 1961–62. A target of 10,500 acres of virgin lands and 12,500 acres of current fallows has been fixed for 1962–63.

(2) Tractor Hire Purchase.

	(RS IN LAKHS.)
Third Plan Provision	50·00
Revised Estimate for 1961–62	3·00
Budget Estimte for 1962–63	20·00

Tractors are supplied under Hire Purchase System to ryots up to a maximum financial limit of Rs 20,000 per ryot and the cost is recovered from them in a period of five to seven years. This scheme is intended to assist the ryots owning large extent of lands so as to enable them to reclaim virgin lands and to bring more area under mechanised farming.

APPENDIX.

List of Agricultural Research Schemes under Implementation in Madras State and which will be continued in 1962–63.

1. Central Banana Research Station.
2. Scheme for evolving Piricularia Resistant Strains of Paddy of different durations.
3. Evolution of Drought Resistant Trains of Paddy.
4. Investigation of Stem Rot Diseases of Rice.
5. Research on Stem Borer and Other Pests of Paddy.
6. Investigation of Betelvine Wilt Disease.
7. Cytogenical Studies of Grapes and Related Wild Species.
8. Chemical Investigation on the cause of Blast Resistance in Paddy.
9. The Evolution of Superior Saline and Alkaline Resistant Strains of Paddy.
10. Evolution of Paddy Strains for Inundated Areas.
11. Breeding Short-term Rice Strains possessing Seed Dormancy.
12. Study of Nitrogen Fixing Blue Green Algae in Rice Soils.
13. The Evolution of New Varieties of Dolichos Lab Lab.
14. Research to Improve and Stabilize Off-seasonal Mango Production.
15. The Evolution of Drought Resistant Strains of Sorghum.
16. Micro-Nutrient Studies on Crop Plants.
17. Scheme for Investigation of Paddy Helminthosporeose Disease in Madras State.
18. Scheme for Investigation of Pests on Pulses in Madras State.
19. Scheme for Investigation into certain Problems of Soil and Plant-Analysis.
20. Scheme for the Survey and Study of Farm Structure in Coimbatore district.
21. Scheme for Research on Grapes in Coimbatore.
22. Scheme for investigation of Pests of Hill Fruit Trees.

MINOR IRRIGATION.	(RS IN LAKHS.)
Third Plan Provision	12,80·00
Revised Estimate for 1961–62 ..	2,28·28
Budget Estimate for 1962–63 ..	2,39·68

II. MINOR IRRIGATION.

(1) Special Minor Irrigation Programme.

	(RS IN LAKHS.)
Third Plan Provision	8,00·00
Revised Estimate for 1961–62	1,48·33
Budget Estimate for 1962–63	1,50·22

The Irrigation Schemes taken up under this Programme consist of small works capable of yielding quick results, each costing less than Rs 10·00 lakhs. Special attention is being paid to the improvement of long neglected sources in ex-Zamin areas and such of the Government sources as are capable of yielding additional sources.

(2) De-silting-*cum*-Reclamation of Irrigation Tanks.

	(RS IN LAKHS.)
Third Plan Provision	80·00
Revised Estimate for 1961–62	12·58
Budget Estimate for 1962–63	15·00

This scheme is designed to restore the lost capacity of the silted tanks by de-silting their beds and also by raising their full tank level wherever feasible. The desilting is done by means of earth moving machinery. The scheme is still in an experimental stage.

(3) New Well Subsidy Scheme.

	(RS IN LAKHS.)
Third Plan Provision	1,00·00
Revised Estimate for 1961–62	44·74
Budget Estimate for 1962–63	25·40

The scheme is intended to encourage private irrigation by extending financial assistance to agriculturists on adequate security for sinking new wells at the rate of one well per ryot. It is in operation since the year 1958–59 in all districts except Madras, the Nilgiris and Kanyakumari. A sum not exceeding Rs 2,000 is now being advanced in two equal instalments, the first one just before the commencement of the work and the second and final one after the inspecting authority is satisfied of the utility of the first instalment in full on the work. The subsidy will be 25 per cent of the cost of the work subject to a maximum of Rs 500. A minimum ayacut of 1 acre per well and continued cultivation with food crops for atleast three years are the main conditions governing the grant of assistance under the scheme. The implementation of the scheme is in progress at various stages with a definite schedule of dates for each item of work.

(4) Tube Wells and Artesian Wells.

	(RS IN LAKHS.)
Third Plan Provision	94·00
Revised Estimate for 1961–62	23·34
Budget Estimate for 1962–63	23·22

Both tube wells and artesian wells will be sunk by the Agriculture Department and then handed over to the Revenue Department for maintenance and for collecting water rates from the beneficiaries. It is anticipated that 40 artesian wells in South Arcot district and in Udayarpalayam (Tiruchirappalli district) will be installed during 1961–62. It is proposed to sink 40 wells in South Arcot district and 40 wells in Udayarpalayam in Tiruchirappalli district during 1962–63.

(5) Filter Point.

	(Rs in lakhs.)
Third Plan Provision	50·00
Revised Estimate for 1961–62	7·05
Budget Estimate for 1962–63	7·13

The filter point is a device for pumping out water from sandy sub-strata for agricultural purposes. Loan not exceeding Rs 2,500 is granted for the purchase of pumping machinery and the loan is recovered in five equal annual instalments.

Three hundred wells are expected to be sunk during 1961–62 and a target of 300 wells has been fixed for 1962–63.

(6) River Pumping.

	(Rs in lakhs.)
Third Plan Provision	5·00
Revised Estimate for 1961–62	0·25
Budget Estimate for 1962–63	0·25

The object of the scheme is to utilize the water that will go waste into rivers otherwise, by sinking of wells in the river beds and pumping the same for irrigation purposes by installing high powered oil engines or electric motors. Three units are expected to be operated in 1962–63.

(7) Oil Engine and Electric Motors—Hire Purchase Scheme.

	(Rs in lakhs.)
Third Plan Provision	100·00
Revised Estimate for 1961–62	—10·61
Budget Estimate for 1962–63	17·99

Under this scheme, oil engines and electric motors are supplied to ryots. The cost is recovered in equal instalments ranging from three to seven years.

The target for the Third Plan is to supply 7,200 electric motor pumpsets and 1,240 oil engine pumpsets. The target for 1961–62, is 225 oil engine and 900 electric motor pumpsets. During 1962–63, 265 oil engines and 1,500 electric motors are proposed to be supplied.

(8) Ground Water Exploration and Survey.

	(Rs in lakhs.)
Third Plan Provision	1·00 *
Revised Estimate for 1961–62	2·60
Budget Estimate for 1962–63	0·47

Reports from many districts show that the sub-soil water table has been considerably lowered due to the increasing number of deep wells and the installation of pumpsets. There is need for a scientific survey of the ground water sources in the State. This will facilitate meeting the requirements for the agriculture and also deciding the question of location of industries. The survey is under implementation.

* Token provision.

SOIL CONSERVATION.	(RS IN LAKHS.)
Third Plan Provision	2,50·00
Revised Estimate for 1961–62 ..	44·40
Budget Estimate for 1962–63 ..	53·67

III. SOIL CONSERVATION.

(1) Agricultural lands (Plains and hilly areas).

	(RS IN LAKHS.)
Third Plan Provision	183·50
Revised Estimate for 1961–62	40·60
Budget Estimate for 1962–63	44·41

The object of the scheme is to carry out soil conservation measures so as to conserve soil and moisture in the cultivated areas of this State. This will result in increased yield and rise of water-tables in the neighbouring wells. It is anticipated that 64,500 acres will be covered in 1961–62. It is proposed to tackle an area of 72,500 acres during 1962–63 in the districts of Nilgiris, Coimbatore, Salem, North Arcot, South Arcot, Madurai, Tiruchirappalli, Chingleput, Ramanathapuram and Tirunelveli.

(2) Scheme for undertaking dry Farming Practices inside and outside bunded areas.

	(RS IN LAKHS.)
Third Plan Provision	10·00
Budget Estimate for 1962–63	2·34

Under the scheme, dry farming inside and outside bunded areas in this State is proposed to be undertaken. Dry farming is farming under conditions of annual rainfall of 20 inches and less. It aims at moisture conservation and adoption of improved dry farming and agricultural practices. It is proposed to tackle about 27 units (3,000 acres per unit), i.e., 81,000 acres in all in 1962–63 as per details furnished below :—

	Units.
1. Coimbatore district	8
2. Salem district	4
3. South Arcot district	6
4. North Arcot district	3
5. Tiruchirappalli district	3
6. Madurai district	3
Total ..	27

(3) New Demonstration Centres.

	(RS IN LAKHS.)
Third Plan Provision	10·00
Budget Estimate for 1962–63	0·78

The object of the centres is to demonstrate to the people with the help of modern implements the benefits of the soil conservation works and the adoption of dry farming measures in bunded areas. Technical advice will be rendered to the ryots to prevent soil erosion and soil loss. During 1962–63, it is proposed to open one more centre at Krishnagiri.

(4) Scheme for Investigation of Ravines existing in the State and for the Preparation of Detailed Scheme to reclaim the Ravine Lands.

	(Rs in lakhs.)
Budget Estimate for 1962–63	0·27

The object of the scheme is to make a survey of the areas affected by ravine erosion and to prepare a comprehensive programme of reclamation.

(5) Scheme for giving training to Ryots on the effect of Soil Erosion Hazards.

	(Rs in lakhs.)
Third Plan Provision	5·00
Budget Estimate for 1962–63	0·52

Training will be given in five batches to 100 selected ryots, who are actual cultivators of lands in each of the following districts :—Coimbatore, North Arcot, Salem, South Arcot, Tiruchirappalli and Madurai. Each batch in each district will consist of not less than 20 ryots and each selected candidate will be paid a stipend of Rs 30. The duration of the course will be four weeks. The object of the training is to impart to the ryots an elementary knowledge of soil conservation.

(6) Soil Conservation in Forest Areas.

	(Rs in lakhs.)
Third Plan Provision	30·00
Revised Estimate for 1961–62	3·79
Budget Estimate for 1962–63	5·34

(i) *Afforestation of Dry Fuel Forests.*

The object of the scheme is to raise fuel and fodder species over 57,000 acres of ex-zamin and ex-panchayat, Reserved Forest, during the Plan Period, to arrest further soil erosion and to augment fuel resources of the State.

During 1961–62, 8,300 acres will be raised and in 1962–63 it is proposed to raise another 8,680 acres.

(ii) *Reconnaissance Survey of Eroded lands outside Reserved Forests.*

The rapid reconnaissance survey of eroded lands outside Reserve Forest suitable for Forest-*cum*-Pasture Development will be undertaken in the districts of Salem, Tiruchirappalli, Thanjavur, Madurai, Ramanathapuram, Tirunelveli and Kanyakumari districts. During 1961–62, the survey in Salem district, will be completed and in 1962–63 Tiruchirappalli, Thanjavur, Madurai and Ramanathapuram will be taken up. The survey is a pre-requisite for undertaking Farm Forestry Scheme during the Third Plan period.

ANIMAL HUSBANDRY.		(RS IN LAKHS.)
Third Plan Provision	.. ..	3,52·25
Revised Estimate for 1961–62	..	40·64
Budget Estimate for 1962–63	..	46·61

IV. ANIMAL HUSBANDRY.

The main feature of the programme is to expand and intensify the work under the Key Village Programme, All-India Poultry Development Scheme, etc. During 1961–62, 4 Key Village Artificial Insemination Centres with 10 Key Villages attached to each have been started and 6 of the Key Village Blocks established earlier have been expanded by 4 more additional Key Villages. Ten Key Village Extension Centres have also been started. One thousand calves produced in Key Village areas are being subsidised. Development of feeds and fodder resources, both in State Farms and in Key Village areas has been taken up. The Municipal Dairy Farm, Ootacamund has been taken over by the Animal Husbandry Department for being developed as a State Farm. The District Livestock Farm, Ramanathapuram is being expanded by addition of more stock, buildings, etc., 4 Goshalas will be developed, 6 District Shows and one State Show will be conducted. A scheme for mass castration of scrub bulls will be introduced.

Three Sheep and Wool Extension Centres have been established and a Sheep Breeding Unit has been set up in the Ramanathapuram District Livestock Farm, Chettinad.

The Sheep Farm, Kattupakkam, has been expanded with stock of poultry, etc., so as to produce large number of birds and eggs required in Community Development areas. Five new Poultry Extension Centres will be established. Schemes for upgrading village poultry, training of farmers, improvement of village poultry houses, distribution of day-old chicks, and supply of incubators are also introduced.

One piggery unit and two piggery development blocks have also been established.

Twenty-five Veterinary Dispensaries will be started during the year. The admissions to the Stockman course have been increased by 50 students from this year.

PROGRAMME FOR 1962–63.

Four Key Village blocks with 10 Key Villages attached to each will be established and four of the Key Village blocks established during Second Plan period will be expanded. One thousand more calves will be included in the subsidy scheme. Feeds and fodder resources will be further developed. One more District Livestock Farm will be established. The District Livestock Farm, Orthanad, will be expanded. Four Goshalas will be developed. One State Show and six District Shows will be conducted. The mass castration compaign will be intensified. Three Key Village Extension Centres will be established.

Three Sheep and Wool Extension Centres will be established.

Five Poultry Extension Centres will be established. Four hundred Poultry Farmers will be trained in poultry husbandry. For upgrading village poultry, 8,000 cockerels will be distributed on exchange basis. Five hundred subsidies will be paid for the improvement of poultry houses. Fifteen thousand day-old chicks will be distributed at concessional rates. Seventy persons will be subsidised for the purchase of incubators.

The Institute of Veterinary Preventive Medicine, Ranipet, will be strengthened by opening new section for Bio-chemistry, Pathology, etc. An extension wing will be set up in the Madras Veterinary College. Advance action will be taken to start another Veterinary College. A Foot and Mouth Disease Laboratory will be set up with the assistance of a foreign expert.

One piggery unit and two piggery development blocks will be established.

Thirty Veterinary Dispensaries will be established in rural areas.

GREEN FODDER FARM.

During the current year, a Green Fodder Farm will be established by the Srivilliputhur Co-operative Milk-Supply Society. The Fodder farm will supply green fodder at fair price to the cattle owners and members of milk-supply co-operative societies. During the year 1962–63, the Fodder Farm will be given financial assistance to purchase certain items of machinery to improve its activities.

DAIRYING AND MILK SUPPLY.	(RS IN LAKHS.)
Third Plan Provision	2,75·00
Revised Estimate for 1961–62 ..	1,09·66
Budget Estimate for 1962–63 ..	61·41

V. DAIRYING AND MILK SUPPLY.

MADRAS DAIRY AND MILK PROJECT.

	(RS IN LAKHS.)
Third Plan Provision	99·17
Revised Estimate for 1961–62	79·84
Budget Estimate for 1962–63	35·67

The spillover work in respect of the Madras Dairy and Milk Project will almost be completed during the current year. The expansion of the Project will also be taken up.

ERODE MILK PROJECT.

It is also proposed to organise a number of co-operative milk-supply societies in the villages in and around Erode up to a distance of 30 miles for collection of milk from the villages. The milk thus collected will be transported to Erode by Milk Vans and after the initial treatment of milk in a diary at Erode, it will be sent to Madras by rail tankers by attaching them to Express trains. The milk received at Madras, will be taken to Central Dairy in the Milk Colony, Madhavaram, where it will be pasteurised and then sold to citizens of Madras. For this purpose, a milk plant will be set up at Erode, at a total capital cost of Rs 33 lakhs. This plant will be designed to handle about 50,000 lb. of milk in the initial stages with provision for expansion to handle about 100,000 lb. a day.

An up to date H.T.S.T. (High Temperature Short Time) Pasteurisation plant with a handling capacity of 1,000 gallons per hour with a plate cooler of the same size will be installed in this dairy. It will have a butter making unit together with a ghee kettle and butter moulding and packing machine for the manufacture of ½ a ton of butter a day. The Budget Estimate for 1962–63 includes a token provision of Rs 1·00 lakh towards the setting up of an Integrated dairy near Erode.

Loans for purchase of milch animals.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	16·35
Budget Estimate for 1962–63	15·50

During the year 1961–62, steps are being taken to increase the daily average production of milk from 60,000 Madras Measures on 31st March 1961 to 65,000 Madras Measures by 31st March 1962. Though it was proposed to organise 30 milk-supply societies during the current year, actually 50 societies were formed from 1st April 1961 to 30th June 1961. However organisation of new societies is being continued. Short-term loans to the extent of Rs 13·00 lakhs for the purchase of milch animals and medium term loans to the extent of Rs 3·00 lakhs for the purchase of high breed heifers will be issued during the year 1961–62.

The programme for the year 1962–63 is to organise 30 additional co-operative milk-supply societies and to step up the daily average production of milk from an anticipated achievement of 65,000 Madras Measures per day on 31st March 1962 to 70,000 Madras Measures at the end of 1962–63. Short-term loans will be issued to the members of the co-operative milk-supply societies for the purchase of milch animals. Besides these short-term loans, medium term loans for the purchase of high breed heifers will be issued.

New Milk Schemes—Installation of Pasteurisation Plants.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	5·00
Budget Estimate for 1962–63	.. ..	0·70

During the current year, preliminary steps are being taken by the Tiruchirappalli and Madurai Co-operative Milk Supply Unions for the installation of a pasteurisation plant each. During the year 1962–63, steps will be taken by them for the installation of the plants. Besides, preliminary steps will be taken by the Thanjavur Co-operative Milk Supply Union for the installation of a pasteurisation plant at Thanjavur. The amount provided is towards the purchase of lands required for the plant.

Expansion of existing Milk Supply Societies.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	3·23
Budget Estimate for 1962–63	.. ..	0·64

Financial assistance has been sanctioned to select co-operative milk-supply societies for the installation of chilling plant, drop in milk cooler, milk testing equipment, machinery for by-products, sterilization plant and for the purchase of milk vans (three wheelers). During the year 1962–63, financial assistance will be given to select milk-supply co-operative societies for the installation of a chilling plant and a sterilization plant.

Co-operative Salvage Farms.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	*Nil.*
Budget Estimate for 1962–63	.. ..	3·53

During the second five-year plan, four co-operative salvage farms were established one each in the districts of Ramanathapuram, Tirunelveli, Tiruchirappalli and Coimbatore. During the year 1962–63 the activities of these salvage farms will be developed by giving them the requisite financial assistance, wherever necessary so that the intake of animals by these farms may be increased. Besides, it is proposed to establish a co-operative salvage farm in Thanjavur district by the Thanjavur Co-operative Milk Supply Union.

FORESTS.	(RS IN LAKHS.)
Third Plan Provision	2,12·00
Revised Estimate for 1961–62 ..	27·53
Budget Estimate for 1962–63 ..	33·88

VI. FORESTS.

As against the Plan provision of Rs 23·59 lakhs for 1961–62, the Revised Estimate comes to Rs 27·53 lakhs. The Budget Estimate for 1962–63 is Rs 33·881 lakhs. The scheme-wise details are given below :—

1. Development of Farm Forestry.

	(RS IN LAKHS.)
Third Plan Provision	75·00
Revised Estimate for 1961–62	4·95
Budget Estimate for 1962–63	6·00

This is one of the important schemes of the Third Plan. It has been proposed to raise village forests in all vacant lands not put to any use at present, so as to attain self-sufficiency in the matter of requirements of fuel, fodder, small timber, etc., in the villages. The target proposed for the Third Plan is 2·62 lakhs of acres.

During 1961–62, 6,600 acres will be planted in 66 blocks at 100 acres per block in Chingleput, South Arcot, North Arcot and Salem districts. In 1962–63, the scheme will be extended and over 5,600 acres in 89 blocks in Chingleput, South Arcot , North Arcot and Salem districts. The planting, etc., will be undertaken by the special staff under the supervision of the territorial District Forest Officers. The Forest Department will look after the maintenance of the trees planted under the scheme, for the first two years and thereafter, they would be handed over to the Panchayats.

2. Economic Plantations.

(*a*) PLANTATIONS.

	(RS IN LAKHS.)
Third Plan Provision	27·00
Revised Estimate for 1961–62	5·38
Budget Estimate for 1962–63	6·61

(i) *Teak.*—In 1961–62, teak is to be raised on 950 acres without irrigation and 100 acres with irrigation. In 1962–63, teak will be planted on another 1,170 acres without irrigation and 100 acres with irrigation.

(ii) *Soft woods.*—The object is to raise soft wood species suitable for match splints, etc. 5,000 acres will be raised in the Third Plan period. In 1961–62, 2,050 acres will be raised and in 1962–63, another 1,684 acres have been proposed.

(iii) *Casuarina.*—It is proposed during the Plan to raise casuarina over 3,000 acres in river Padugais and sea shores to arrest shifting sands and also to augment firewood supplies. During 1961–62, 690 acres will be planted and in 1962–63, 717 acres.

(iv) *Wattle.*—Wattle wood and its bark are important industrially-valuable commodities. The wood, besides being a good fuel does serve as dissolving pulp in paper and rayon industries. The bark yields 'Tanning' useful for tanning industries.

Twenty-thousand acres will be raised in the Plan period with wattle. During 1961–62, 4,400 acres will be raised with wattle and in 1962–63, 4,423 acres have been proposed for this purpose.

(v) *Bamboos.*—Besides being a poor man's timber, it is also industrially valuable as a raw material for paper industry. It is proposed to plant 5,000 acres, during the plan period. In 1961–62, 990 acres will be planted and in 1962–63, 1,040 acres will be planted.

(b) Extension Forestry.

Creation of River, Canal and Lake Fringe Forests.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	1·38
Budget Estimate for 1962–63	2·03

The scheme envisages raising of teak and other important timber species, along the banks of rivers, canals and lakes in order to arrest soil erosion and also to augment timber resources of the State. An area of 4,000 acres will be planted in the plan period. In 1961–62, an area of 1,130 acres will be planted with teak and in 1962–63, another 1,130 acres will be planted.

(c) Rubber Plantations.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	5·60
Budget Estimate for 1962–63	6·91

An area of 2,000 acres in Kanyakumari district will be planted with Rubber, a strategically important commercial product. During 1961–62, 400 acres have been planted with Rubber and in 1962–63, another 375 acres will be raised.

3. Consolidation.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	1·20
Budget Estimate for 1962–63	0·73

The scheme envisages surveying and delimiting the boundaries of ex-Zamin forests. It is also proposed to extinguish the various rights and privileges these forests are now burdened with beyond their carrying capacity. During the Plan period, 522 square miles will be surveyed. In 1961–62, 110 square miles will be taken up for survey and in 1962–63, 120 square miles will be taken up.

4. Forest Resources Survey.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	0·17
Budget Estimate for 1962–63	0·19

The object of the scheme is to undertake a detailed survey of the resources of forest raw materials especially Minor Forest Produce. The survey has been taken up in 1961–62 and will be continued in 1962–63.

5. Rehabilitation of degraded Forests.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	0·98
Budget Estimate for 1962–63	2·11

The scheme envisages raising of fuel and fodder crops along the low hill portions of ex-Zamin and ex-Panchayat forests in order to prevent soil erosion and also to supplement the fuel supplies of the State.

During the Plan period, 18,000 acres are proposed to be rehabilitated. During 1961–62, 3,094 acres would be afforested, and in 1962–63, 3,458 acres have been proposed for raising fuel and fodder species.

6. Development of Pasture and grazing.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·80
Budget Estimate for 1962–63	.. ..	1·05

The object of the scheme is to improve the pastures inside the Reserved forests, by raising trees of fodder species and also grasses wherever irrigation facilities exist. An area of about 5,000 acres will be raised during the Plan period.

During 1961–62, 785 acres will be raised and in 1962–63, 535 acres with fodder species.

7. Preservation of Wild Life.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·81
Budget Estimate for 1962–63	.. ..	1·15

To conserve and improve the existing state of Wild Life is the objective of the scheme. The sanctuaries at Mudumalai (for Wild Life) and Vedanthangal (Birds) will also be improved so as to attract tourists and nature lovers. New sanctuaries and Zoos will also be opened.

During 1961–62, improvements of Roads, etc., will be attended to in the Mudumalai Wild Life Sanctuary area and also other improvements in Vedanthangal Bird Sanctuary.

During 1962–63, besides continuing the improvements, it is proposed to develop Kodikarai area into a National Park-*cum*-holiday resort as the place is full of animal and attractive bird lives.

8. Timber Operation and Forest Utilization.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·29
Budget Estimate for 1962–63	.. ..	0·02

The object of the scheme is to provide improved logging tools and cranes for the transport of forest raw materials and for better harness for elephants. During 1961–62, 30 sets of two men logging tools are expected to be purchased. During 1962–63, provision has been made for better harness for elephants.

9. Training of Staff.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·91
Budget Estimate for 1962–63	.. ..	3·43

The scheme envisages opening of a State Forests Training School for imparting technical and practical training of Forestry to 30—60 Foresters and 60—120 Guards of the department annually. A school at Vaigai Dam has been opened in 1961–62. The school will continue to function in 1962–63.

10. Forest Research.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·42
Budget Estimate for 1962–63	.. ..	0·40

Under the scheme, two Research Stations, one at Vandalur to deal with cashew plantations and another at Denkanikotta for Sandal propagation have been opened.

11. Communications (Roads).

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	1·90
Budget Estimate for 1962–63	.. ..	0·001

The object is to lay out a net work of roads to facilitate extraction of Forest produce. During 1961–62 new roads over 12 miles and improvement of old roads over 20 miles will be taken up. In 1962–63, 29 miles of new roads will be laid.

12. Buildings.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	1·00
Budget Estimate for 1962–63	.. ..	1·51

The object of the scheme is to provide quarters for the forest subordinates. In 1961–62, twenty-seven buildings will be built and in 1962–63, 20 buildings are proposed to be constructed.

13. Amenities to Labour.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·99
Budget Estimate for 1962–63	.. ..	0·67

To provide improved amenities to labour and staff engaged in forest activities is the aim of the scheme. In 1961–62, 8 mazdoor lines will be built, besides supplying cumblies to labour force and affording transport facilities to them. In 1962–63, 7 mazdoor lines will be constructed.

14. Forest Publicity.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·08
Budget Estimate for 1962–63	.. ..	0·54

The object of the scheme is to provide the much needed propaganda and publicity for forest activities and forest resources.

15. Forest Protection.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·67
Budget Estimate for 1962–63	.. ..	0·53

The objects of the scheme are, among others, to devise intensified and most effective measures to protect the forests by organising special and surprise raids and adopt preventive measures to save forests from fires and other menaces.

A special squad with an Assistant Conservator of Forests at its head has been created for Coimbatore Circle. Construction of sheds, watch towers, and providing fire fighting devices are also proposed.

FISHERIES.	(RS IN LAKHS.)
Third Plan Provision	2,22·00
Revised Estimate for 1961–62 ..	50·92
Budget Estimate for 1962–63 ..	33·31

VII. FISHERIES.

1. Supply of Improved Fishing Boats.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	20·80
Budget Estimate for 1962–63	14·21

Forty boats are programmed to be built in 1961–62 and seventy boats in 1962–63.

2. Supply of Nylon Nets and Other Accessories.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	5·87
Budget Estimate for 1962–63	— 2·75

The object of the scheme is to supply synthetic twines/nets to fishermen, along with mechanised boats at subsidized cost. As against the Budget provision of Rs 2·87 .lakhs for the current year, the anticipated outlay is expected to come to Rs 5·87 lakhs. The scheme will be continued during the next year.

3. Collection and Distribution of Fish Seed.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	4·22
Budget Estimate for 1962–63	5·40

This year a sum of Rs 4,16 lakhs has been provided for the purchase of two jeeps, one big vehicle, for constructing nurseries, purchase of fishing implements and for purchase of exotic fish seed from outside the State at a cost of Rs 40,000.

During 1962–63 it is proposed to purchase four big vehicles and two jeeps with trailors to replace the old vehicles purchased during the First Plan. Induced spawning centres at five important places and establishment of a chanos fish nursery and farm in Pamban are proposed in the year 1962–63.

4. Development of Fishing Harbours and Landing Facilities at Suitable River Mouths.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	3·26
Budget Estimate for 1962–63	0·41

The plan drawn up by the harbour expert of the F.A.O. was examined at the recent Adhoc Committee for implementation in the Rayapuram Harbour Scheme. The survey is expected to be completed this year by the Port Trust. For survey and investigation only, a sum of Rs 1·21 lakhs has been sanctioned for this year. The fishing harbour at Nagapattinam is delayed for want of the site and building belonging to the Malayan Emigration department. It is likely that the building will be purchased during this year itself. In that case, additional amount may be necessary.

Preliminary arrangements such as investigation, survey and acquisition of site, etc., for the Harbour at Colachel and Tuticorin are proposed to be taken up in 1962–63. Besides, a boat jetty is proposed at Pulicat.

5. Fish Curing Yards.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	2·81
Budget Estimate for 1962–63	0·81

The Plan for 1961–62 provides for improvements to the yards in Kanyakumari district and construction of pucca sheds in the fish curing yards in the East Coast. A pilot scheme has been launched to demonstrate the various methods of fish curing, packing, storing, marketing, etc., to fishermen.

During 1962–63, supply of salt to curers at subsidized rate will be continued and new fish-curing yards will be opened in Ramanathapuram district.

6. Ice Plant and Cold Storage Facilities.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	3·84
Budget Estimate for 1962–63	3·94

Two ton-plants at Pulicat and Madurai have been sanctioned for 1961–62 at a cost of Rs 2·34 lakhs. A five ton-plant for Colachel at a cost of Rs 3·80 lakhs has been sanctioned. The building at Pulicat will be completed before the end of this year and the plant installed. A site has been selected for Madurai Plant. A suitable site has to be selected for Colachel plant.

One 2 ton-plant with 5 ton-storage capacity is proposed for Thanjavur town at a cost of Rs 2·17 lakhs and a one-ton-plant at Sadras at a cost of Rs 1·86 lakhs.

7. Quick transport of fish from landing centres to the marketing or consuming centres.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	1·10
Budget Estimate for 1962–63	1·77

Sanction has been given for Rs 1·43 lakhs for purchase of vehicles and equipments for increasing the fleet by 2 big vehicles and 4 three wheelers in 1961–62. The vehicles will be purchased and put on road for transport of fish before the end of this year.

It is proposed to supplement the fleet of big vehicles and three wheelers in 1962–63 for transport of fish in Chingleput, Kanyakumari, Ramanathapuram, Madurai and Tirunelveli districts.

8. Improvement of fish markets.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	0·31
Budget Estimate for 1962–63	..

Sanction has been given for payment of subsidy at 50 per cent of the cost of improving fish markets to six municipalities and one Fishermen Co-operative Society to the tune of Rs 30,864 during 1961–62. The Director of Fisheries has been empowered to grant subsidies to the local bodies on proper estimates.

9. Loans to fishermen Co-operative Societies.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	5·35
Budget Estimate for 1962–63	.. ..	7·15

Government have sanctioned grant of loan to the extent of Rs 5 lakhs during 1961–62. It is proposed to grant Rs 7 lakhs as loan to Fishermen Co-operative Societies during 1962–63.

10. Development of Major Reservoir Fisheries.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	1·04
Budget Estimate for 1962–63	.. ..	0·62

The Parambikulam-Aliyar Project and the Bhavanisagar Reservoir have been taken up this year for development of Fisheries.

The exploitation of Manimuthar and Vaigai Reservoirs has been proposed for 1962–63. Also the reservoirs formed by the Kundah Hydel Project have been proposed to be taken up for development during 1962–63. A laboratory will be set up in the Nilgiris for study on cold water spens of fish and upland lakes.

11. Establishment of an estuarine fish farm at Manakudi.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·23
Budget Estimate for 1962–63	.. ..	0·25

Government have sanctioned the scheme of establishing an estuarine fish farm at Manakudi. The farm will be completed with buildings and laboratory during 1962–63.

12. Training of Personnel.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·81
Budget Estimate for 1962–63	.. ..	0·82

A training centre at Madras has been established. A boat has also been given to the training centre. A proposal to establish a training centre to train Inspector of Fisheries, Research Assistants, Fieldman, etc. (cost of Rs 0·25 lakh a year) is under consideration.

The centres will be continued in 1962–63.

13. Research on the means of improving the fishing crafts.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·10
Budget Estimate for 1962–63	.. ..	0·20

Staff has been sanctioned in the current year for the unit. With the equipment necessary for research the unit will be continued during 1962–63.

14. Processing including canning, fish meal, oil and by-Products.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·39
Budget Estimate for 1962–63	.. ..	0·29

One Research Station with a Research Assistant, Mechanic, Attender and three Marine operatives has been sanctioned for preparation and popularisation of fisheries by-products at Nagapattinam. A fish meal plant has to be procured and installed. Government of India have been addressed to allot one plant which is intended for private sector. The plant is likely to be installed during 1962–63.

The unit at Nagapattinam will prepare the by-products for sale. A canning plant has also been envisaged.

15. Deep-sea Fishing.

		(RS IN LAKHS.)
Revised Estimate for 1961–62	.. ..	0·79
Budget Estimate for 1962–63	.. ..	0·01

A small unit for conducting Deep-sea Fishing Operations off Tuticorin has been opened during 1961–62. This unit will be continued in 1962–63.

MARKETING AND WAREHOUSING.	(RS IN LAKHS.)
Third Plan Provision	40·00
Revised Estimate for 1961–62 ..	1·24
Budget Estimate for 1962–63 ..	5·39

VIII. MARKETING AND WARE-HOUSING.

1. Agricultural Marketing.

	(RS IN LAKHS.)
Third Plan Provision	15·00
Revised Estimate for 1961–62	1·24
Budget Estimate for 1962–63	0·39

(1) *Arecanut Grading Station at Mettupalayam.*

Mettupalayam is the most important place in Madras State for production and marketing of arecanut. There is a Marketing Society functioning at this centre for dealing primarily with this commodity. An Arecanut Grading Station has been established with a view to afford necessary technical assistance in grading work of arecanut and supply of sets of sieves, etc., free of cost to the graders of arecanuts as an incentive to improve grading standards.

(2) *Establishment of a ghee and oil grading laboratory and one refinery at Tirunelveli.*

The object of the scheme is to see that the Ghee and Oil consumed in the urban areas are pre-tested and inspected for quality. In addition to the existing laboratory at Rasipuram in Salem District, it is proposed to open a laboratory at Tirunelveli during 1962–63. A provision of Rs 0·26 lakhs has been made for this scheme.

2. Warehousing.

	(RS IN LAKHS.)
Third Plan Provision	25·00
Budget Estimate for 1962–63	5·00

The State Warehousing Corporation is constructing godowns in the State so as to enable the agriculturist and to store their produce at the time of harvest and to sell them later on at fair prices. The agriculturists will be given a receipt for the grains stored in the godown and they can raise loans from banks against the receipt if required. It is proposed to invest a sum of Rs 5 lakhs in the State Warehousing Corporation in 1962–63.

CO-OPERATION.	(RS IN LAKHS.)
Third Plan Provision	4,71·06
Revised Estimate for 1961–62 ..	1,01·82
Budget Estimate for 1962–63 ..	99·30

IX. CO-OPERATION.

Expansion of credit.—At the beginning of the Third Five-Year Plan, the co-operatives covered all the villages in the State and served 62·24 per cent of the rural population. They provided credit to the extent of Rs 25·70 crores during the last year of the Second Plan.

The programme for the current year (1961–62) visualises the organisation of 200 new credit societies, 4 land mortgage banks and revitalisation of 1,500 existing village credit societies. The co-operatives have programmed to issue loans to the extent of Rs 28 crores and to bring within their membership 65 per cent of the rural population.

So far, 285 village credit societies have been organised. Four Land Mortgage Banks have been formed. 1,500 societies have been selected under revitalisation scheme. The co-operatives now serve 65·2 per cent of the rural population and the target of Rs 28 crores fixed for issue of loans is expected to be reached according to schedule. Proposals for the investment of Rs 1,02·15 lakhs in the share capital of the credit co-operatives are under consideration.

The programme for the year 1962–63 visualises the organisation of 200 new village credit societies. Two thousand more village credit societies will be selected under the scheme of revitalisation. Three new Land Mortgage Banks will be brought into existence. Besides it is proposed to employ 13 supervisors by the Central Banks for the supervison of societies, on the basis of the present standard of one supervisor for 15 societies. Each new Land Mortgage Bank will be given financial assistance on a graded basis for employing a supervisor. The co-operatives will serve 70 per cent of the rural population by the end of 1962–63. The co-operatives are expected to increase the quantum of credit supplied by them from Rs 28 crores in 1961–62 to Rs 34·00 crores by way of short-term, medium-term and long-term loans. The policy of the State participation in the share capital of the State Co-operative Bank, the Central Banks, Agricultural Banks, Village Credit Societies and Credit Unions will be continued.

2. *Development of Co-operative Marketing.*—As all the markets or mundi centres have already been covered by marketing societies, it is proposed to develop and strengthen the existing societies. Fourteen primary co-operative marketing societies have been selected for intensive development. A sum of Rs 0·29 lakh has so far been invested in the shares of Co-operative Marketing Societies. The balance of Rs 0·71 lakh will be invested in the share capital of the marketing societies. The rural credit societies, agricultural banks and marketing societies will construct 210 godowns as programmed. Five marketing societies have been given financial assistance by way of loan and subsidy for the purchase of lorries. One more society will be given assistanc for the purchase of a lorry.

A sum of Rs 3 lakhs has been provided as State participation in the share capital of the marketing societies for the installation of processing plants. Of this, a sum of Rs 25,000 has already been sanctioned for the installation of a rice huller. The balance amount will be utilised for the establishment of two or three rice mills to enlarge the scope of marketing of paddy.

The programme for the year 1962–63 includes the provision of state share capital to the extent of Rs 1·00 lakh to select marketing societies. Fourteen more primary co-operative marketing societies will be selected under intensive development. These societies will be provided with managerial staff on a graded basis. Two hundred and fifty more godowns will be constructed by the Rural Credit Societies, Agricultuarl Banks and Marketing Societies. The Government will provide financial assistance to the societies by way of contribution to their share capital to the extent required for the installation of processing plants such as rice mills, etc.

3. *Co-operative Farming.*—Government have permitted the organisation of farming societies not exceeding ten in each of the 3 pilot projects in the districts of Ramanathapuram, Tirunelveli and Madurai during the year 1961–62. According to the resolutions of the State Level Farming Officers' Conference held at New Delhi during August 1961, twenty-one societies will be formed during the current year. In addition, five farming societies are expected to be organised in non-pilot areas. The remaining nine societies will be formed during the year 1962–63. Financial assistance will be given to farming societies by way of share capital, medium and long-term loans, loan and subsidy for construction of godown-*cum*-cattle sheds.

The programme for the year 1962–63 contemplates the establishment of three pilot projects consisting of ten Co-operative joint farming societies in each project. Besides, nine more societies will be brought into existence in the districts of Ramanathapuram, Tirunelveli and Madurai. In addition, five farming societies will be formed in the non-pilot areas. These societies will be given financial assistance according to the existing pattern.

4. *Co-operative Education and Training.*—During the current year, two training Institutes, one at Vellore and the other at Tirunelveli for training the non-official candidates have been brought into existence. All the five institutes, including the three institutes at Salem, Kancheepuram and Madurai started during the Second Plan are given financial assistance by way of stipend and travelling allowance to 74 institutional candidates by each institute and towards cost of the teaching staff. In addition to the existing Central Co-operative Institute at Madras, another Departmental Institute has been started at Madurai to give training for Junior Inspectors. The scheme of education of members and the training of the panchayatdars and the office-bearers is under implementation in one block in each of the 12 districts and in the Madras City. About 16,120 candidates will be trained. The Tamil Nadu Co-operative Union is implementing the scheme of publicity and propaganda and conducting short-term course for the training of the untrained employees of Co-operative Institutions and also the seminars on specified subjects.

During the year 1962–63, the training Institutes in the districts of Salem, Kancheepuram, Madurai, Vellore and Tirunelveli will continue to train about 160 candidates each. The Departmental Institute at Madurai will train persons recruited for the department. The training of members and panchayatdars will be continued. Officials and non-officials will be deputed to the other States of the Indian Union to study the working of the Sugar Factories, Marketing Societies, District Co-operative Central Banks and Farming Societies. The Tamil Nadu Co-operative Union will continue to implement the scheme of publicity and propaganda and the conduct of short-term course for the training of the untrained employees of Co-operative Institutions and seminars on specified subjects.

5. *Consumers Co-operatives.*—During the year 1961–62, Government will participate in the share capital of 20 stores at the rate of Rs 2,500 in each. Twenty stores will also be selected for revitalisation and they will be given financial assistance by way of subsidy on a graded basis to meet the cost of the managerial staff. Financial assistance will be given to 4 select stores for installing oil crushing and grading machinery and 10 stores for installation of coffee grinding machinery.

The programme for the year 1962–63 provides for the selection of 120 more stores under revitalisation scheme. Government will also participate in the share capital of 120 stores at the rate of Rs 2,500 in each. During 1962–63, financial assistance by way of loan not exceeding Rs 20,000 in each will be given to 14 select stores to take up the installation of oil crushing and grading machinery. Thirty stores will also be given loans for the installation of coffee grinding machinery at the rate of Rs 5,000 each.

6. *Other Schemes—(a) Labour Contract Societies.*—During the current year, a District Labour Contract Society is being organized in the Kanyakumari district. Financial assistance by way of loan and subsidy will be sanctioned to this society towards reserve fund, purchase of implements, purchase of common machinery and towards working capital.

The programme for the year 1962–63 provides for the organization of four more District Labour Contract Societies composed of workers with a district as its area of operation. These societies will be given financial assistance mentioned above and necessary staff for day-to-day administration and for technical supervision of the work undertaken by them.

(b) *Societies for Washermen.*—In order to provide facilities to the washermen for the purchase of equipments, implements and other materials essential for the washing profession and to provide credit facilities for them, it is proposed to organize 4 societies for washermen during the year 1961–62 and 4 more will be organized during 1962–63.

(c) *Organisation of Auto-Rickshaw Drivers' Co-operative Society in Madras City.*—During the current year, a society for the benefit of Auto-Rickshaw drivers will be organized in Madras City. Financial assistance by way of loan will be given to the society for the purchase of auto-rickshaws.

7. *Establishment of Co-operative Sugar Factories.*—During the current year, two Co-operative Sugar Factories were brought into existence, one at Kallakurichi in the South Arcot district and the other at Samayanallur in the Madurai district. Government will participate to the extent of Rs 5 lakhs in the share capital of Salem Co-operative Sugar Mills, and Rs 15 lakhs each in the Sugar mills formed during the current year.

During the year 1962-63, Government will invest Rs 5 lakhs each in the Salem Co-operative Sugar Mills, Kallakurichi Co-operative Sugar Mills and the National Co-operative Sugar Mills.

COMMUNITY DEVELOPMENT PROGRAMME.	(RS IN LAKHS.)
Third Plan Provision	20,36·00
Revised Estimate for 1961–62 ..	4,41·00
Budget Estimate for 1962–63 ..	4,86·00

X. COMMUNITY DEVELOPMENT PROGRAMME.

At the end of the year 1961–62, the Community Development Programme will be in operation in 318 blocks in the following stages :—

Stage I	144
Stage II	110
Pre-extension	64
Total ..	318

During the year 1962–63, 57 new blocks will be taken up for pre-extension work in Agriculture. The 64 pre-extension blocks taken up in 1961–62 will enter Stage I of the Community Development Programme during 1962–63. The 57 pre-extension blocks will enter Stage I during 1963–64.

2. Panchayat Unions have been established in 363 Development Blocks up to the end of October 1961. Panchayat Unions have yet to be constituted in 12 more blocks. Ten out of the 12 blocks are located in the Kanyakumari district and the Shencottah taluk of the Tirunelveli district.

3. Section 66 of the Madras Panchayats Act, 1958, entrusts them with the Programmes of Community Development and allied schemes of agriculture, animal husbandry, etc. The entrustment of these programmes has been completed in respect of 75 Panchayat Unions from 1st April 1961 and of 129 more from 1st July 1961. The remaining Panchayat Unions will also be entrusted with these programmes with effect from 1st January 1962.

XI. PANCHAYATS.

Training Schemes.

A lump-sum provision of Rs 10·59 lakhs has been made towards State's share for the following schemes :—

(i) Institutes for training of Panches, Sarpanches, etc., in Community Development, Panchayat and Co-operation.

(ii) Training Reserves.

(iii) Sammelans for Panches, Sarpanches, etc., at the State level.

(iv) Publication of literature for Panches, Sarpanches and other Non-officials.

(v) Training of Deputy Panchayat Officers, Executive Officers and Extension Officers for Panchayats.

Item (i) *above*.—It is proposed to entrust the scheme of training of Presidents and Vice-Presidents of Panchayats to the Tamil Nad Panchayat Union. This training will be taken up in the off-season, namely, April to June 1962.

IRRIGATION.	(RS IN LAKHS.)
Third Plan Provision	27,41·85
Revised Estimate for 1961–62 ..	5,05·64
Budget Estimate for 1962–63 ..	5,10·12

XII. IRRIGATION.

SPILL OVER SCHEMES.

(1) PARAMBIKULAM-ALIYAR PROJECT.

	(RS IN LAKHS.)
Third Plan Provision	21,12·07
Revised Estimate for 1961–62	4,39·53
Budget Estimate for 1962–63	4,52·89

The Project aims at harnessing and utilizing the flows of the Parambikulam-Aliyar and Nirar rivers and the surplus flows of Sholayar for irrigation in Coimbatore district and Power Development.

The Parambikulam Project of Madras consists of two parts. Under the first part, a large storage will be built on the Parambikulam river by building dams across the river and its tributaries, Thekkady and Thunakkadavu with suitable inter-connections. Flows from Sholayar river which are surplus to the requirements of Sholayar Hydro-Electric Scheme of Kerala State will be diverted by suitable diversion works into the Parambikulam Reservoir. This surplus will be of the order of 2,500 m.c.ft. in an average year. In addition to this surplus, 16,500 m.c.ft. from out of the flows of Parambikulam, Thekkady and Thunakkadavu rivers will be diverted towards east through a tunnel, 2½ miles long. At the end of the tunnel, there is a drop of 500 feet which will be utilized for power development. From the tail race of this power-house at Sirkarpathi a contour canal at the foot of the hill will be taken off from the Aliyar Reservoir to irrigate areas in Pollachi taluk of Coimbatore district.

The other part of the Project consists of diverting the waters of Nirar, a sub-tributary of Periyar river, through a tunnel 6½ miles long into the Aliyar river. All waters in the river subject to the requirements of irrigation in Periyar valley in Kerala State limited to the natural flows during October to January will be diverted to Madras side. The water so diverted as well as the flows of the Aliyar at that site will be drawn through a short tunnel into the Nallar valley where a reservoir will be formed. From this reservoir, water will be conveyed through another tunnel and dropped over a head of 1,700 feet. Power will be developed at this spot. The water will then be picked up and let into the Palar river where also a small reservoir will be formed. Canals will take off from this reservoir to irrigate areas in Dharapuram, Udamalpet and Palladam taluks.

The total areas benefited by the scheme will be about 2·50 lakhs of acres. It is expected that 20,000 acres will be provided irrigation during 1962–63 under the project.

(2) OTHER SPILL OVER SCHEMES.

Provision is made in the Third Plan for completing the balance of work in New Kattalai High Level Canal, Pullambadi Canal, Vidur, Neyyar II Stage and Kodayar System and giving finishing touches to Manimuthar, Mettur Canals, Vaigai, Sathanur and Krishnagiri which have almost been physically completed during the Second Plan period itself. For this purpose, a total sum of Rs 54·11 lakhs will be spent in the first year of the Third Plan, i.e., 1961-62. Expenditure on these schemes during 1962–63 will be Rs 4·58 lakhs.

(3) NEW SCHEMES.

Inclusion of new schemes in the Third Plan is still under consideration. Two new schemes have been proposed to be taken up during the current year, viz., improvements to Palar anicut system (Rs 48·1 lakhs), and Sathanur II Stage (Rs 55 lakhs). Preliminaries such as acquisition of machinery, etc., are being attended to in respect of these schemes and a sum of Rs 12 lakhs has been provided during 1961-62 for the purpose. Plan provision for these schemes during 1962–63 is Rs 52·65 lakhs.

POWER PROJECTS.	(RS IN LAKHS.)
Provision in Third Plan	1,00,19·00
Budget Estimate for 1961–62 ..	15,51·00
Revised Estimate for 1961–62 ..	18,20·00
Budget Estimate for 1962–63 ..	18,50·00

XIII. POWER PROJECTS.

A. CONTINUING SCHEMES.

1. *Periyar Hydro-Electric Scheme I Stage.*

	(RS IN LAKHS.)
Total Cost of the Scheme	10,48·00
Third Plan Provision	12·00
Budget Estimate for 1961–62	6·04
Revised Estimate for 1961–62	7·89
Budget Estimate for 1962–63	1·14

All works connected with the Periyar Hydro-Electric Scheme I Stage have been completed and the Power Station with an installed capacity of 105 MW is in operation. The provision made is to cover balance payments.

2. *Kundah Hydro-Electric Scheme I and II Stages.*

	(RS IN LAKHS.)
Total Cost of the Scheme	35,44·00
Third Plan Provision	2,77·00
Budget Estimate for 1961–62	2,48·00
Revised Estimate for 1961–62	65·84
Budget Estimate for 1962–63	81·69

The works connected with the Kundah Hydro-Electric Scheme I and II Stages have been completed. The two Power Stations with a total installed capacity of 180 MW are in operation. The spill-over provision is for the balance works of Avalanche-Emerald Dams, the Upper Bhavani Dam and the tunnel to carry the water stored in the Upper Bhavani basin to the Avalanche-Emerald Reservoir. Works on the Emerald Dam had already been completed. Works on the Avalanche Dam and the Upper Bhavani Dam and tunnel are in progress. The Avalanche Dam will be completed during 1962–63 while the other works will be in advance stage of progress during 1962–63.

3. *Sandynallah Reservoir Scheme.*

	(RS IN LAKHS.)
Total Cost of the Scheme	1,07·00
Third Plan Provision	30·00
Budget Estimate for 1961–62	19·15
Revised Estimate for 1961–62	32·79
Budget Estimate for 1962–63	51·38

The scheme envisages the construction of a dam across the Sandynallah stream and also a flume channel to convey the water stored in the Sandynallah Reservoir to the Pykara basin. Masonry portion of the Sandynallah Dam and excavation and lining of the flume channel are in progress. Excavation of the main as well as the composite dams and the flume channel will be completed during the current year while the masonry work in the dams will be completed during the year 1962–63. It is proposed to store water in the reservoir from 1962–63 onwards. This will enable additional generation of 54 million units at the existing Pykara and Moyar Power Stations.

B. New Schemes.

4. *Mettur Tunnel Scheme I Stage.*

	(Rs in lakhs.)
Total Cost of the Scheme	5,99·00
Third Plan Provision	5,80·00
Budget Estimate for 1961–62	1,59·25
Revised Estimate for 1961–62	1,54·54
Budget Estimate for 1962–63	2,50·00

The Mettur Tunnel Scheme proposes the utilization of the irrigation discharge of the Mettur Reservoir for generation of power. Seasonal power will be developed during seven months of the year from July to January. A tunnel nearly 1,400 feet long will be excavated to convey the water and a power station with an installed capacity of 100 MW (later on to be increased to 200 MW) will be built. This Scheme will add to the grid an energy potential of 385 million units (I Stage). The generating machinery and other related equipments for this scheme are being imported from the U.S.S.R.

During the current year, work on the penstock tunnels and the surge shaft will be completed while work on the pressure tunnel, the power house building and the (Mettur-Salem 230 KV) transmission line will be in progress. During 1962–63, the work on the pressure tunnel and the transmission line will be completed. The other works will be in progress.

5. *Kundah Hydro-Electric Scheme III Stage.*

	(Rs in lakhs.)
Total Cost of the Scheme	23,06·00
Third Plan Provision	23,06·00
Budget Estimate for 1961–62	1,34·47
Revised Estimate for 1961–62	2,95·18
Budget Estimate for 1962–63	5,26·90

A total fall of 5,357 feet is available for power generation at Kundah of which the initial phase under construction will utilise a drop of 3,647 feet. The present scheme is to utilize the balance drop of 1,710 feet and also collect the water of nearby rivers. Extra Power generation is also Contemplated at Power Houses I and II by diversion of waters from the neighbouring catchments in the upper reaches. The Scheme also includes an auxiliary station to utilise the fall between the Upper Bhavani and Avalanche Reservoirs with an installed capacity of 20,000 KW. The total installed capacity that will be added during this stage is thus 240,000 KW.

The scheme is getting Canadian aid under the Colombo Plan as in the case of the first and second stages.

Works on the Pegumbahalla (Forebay) Dam, Tunnel No. 3 and surge shaft No. 3 have been commenced and will be in progress. Preliminary works on Power House No. 3, the Pillur Dam, Power House Nos. 4 and 5 have been commenced as well as the work on transmission lines. During 1962–63 the transmission lines will be completed and energised (96 miles) while the other works will be in progress.

6. *Periyar Hydro-Electric Scheme II Stage.*

	(RS IN LAKHS.)
Total Cost of the Scheme	94·00
Third Plan Provision	94·00
Budget Estimate for 1961–62	3·38
Revised Estimate for 1961–62	3·38
Budget Estimate for 1962–63	30·00

The Periyar Power Station with an installed capacity of 105 MW is in operation now. The second stage extensions envisage the installation of one more unit of 35 MW capacity to bring the total installed capacity to 140 MW.

The scheme has just been sanctioned. Preliminary works at site have been started recently. Orders for most of the electrical equipments (to be imported from Yugoslavia under rupee payment terms) have been placed already.

During the year 1962–63 the erection of the fourth penstock pipe and the fourth generating plant will be in progress.

7. *Anamalai Hydro-Electric Scheme (Parambikulam Project).*

	(RS IN LAKHS.)
Total Cost of the Project (Electrical portion)	10,22·00
Third Plan Provision	5,00·00
Budget Estimate for 1961–62	30·00
Revised Estimate for 1961–62	1·85
Budget Estimate for 1962–63	65·00

This is an inter-State scheme and is to utilize the waters of the Sholiyar, Parambikulam and Aliyar rivers in the Anamalai Hills (Coimbatore district). The original scheme was for the establishment of two Power Stations with a total installed capacity of 95 MW. A revised scheme for the establishment of five numbers Power Stations has been sent to Central Water and Power Commission/Planning Commission and is pending approval. Preliminary works at site have been commenced.

8. *Transmission and Distribution Project*

and

9. *Rural Electrification.*

	(RS IN LAKHS.)
Total Cost of the Scheme	60,00·00
Third Plan Provision	60,00·00
Budget Estimate for 1961–62	9,23·31
Revised Estimate for 1961–62	12,27·23
Budget Estimate for 1962–63	8,14·79

The transmission and distribution project envisages the construction of a number of secondary transmission lines required as also establishing sub-stations for taking the additional power to the remotest corners of the State. The schemes also provide for the construction of distribution lines to take the power to rural areas and extending electricity to 8,000 villages and connecting up 75,000 additional agricultural pumpsets.

The most important feature of the transmission scheme for the Third Plan is the formation of the 230 KV Super Grid. This will facilitate the effective utilization of power within the State and also the efficient interchange of power between Madras and its neighbouring States. It is proposed to interconnect Madras and Mysore and Madras and Kerala by 230 KV lines. The interconnection with Andhra will be constructed later on.

The transmission lines and sub-stations included in the Periyar and Kundah Hydro-Electric Projects of the Second Plan are merged in this item.

It often becomes necessary to improve the existing supply conditions at all stages to cope up with the increase in demand for power. The equipments at the sub-stations have to be modernised. The capacities of the transmission lines and capacities of the power transformers in a number of sub-stations will have to be increased. As the transmission system increases in importance, protection system also will have to be improved by more modern methods. All the above are also envisaged in this scheme which is intended to improve the supply conditions in the Electricity Grid covering the whole State.

During the year, 19 Major Transmission works have been taken on hand and these will be completed by the end of 1962–63. Rural Electrification is continued at a fast steady pace and it is proposed to electrify 1,600 villages this year and similar number of villages next year also.

10. *Loans to Licensees.*

	(RS IN LAKHS.)
Third Plan Provision	2,00·00
Revised Estimate for 1961–62	25·00
Budget Estimate for 1962–63	25·00

A provision of Rs 25 lakhs has been made in the current year for granting loans to private licensees for extension of electric supply in rural areas in their jurisdiction. A provision of Rs 25 lakhs has been proposed for 1962–63.

11. *Investigation of New Schemes.*

	(RS IN LAKHS.)
Total Cost of the Scheme	20·00
Third Plan Provision	20·00
Budget Estimate for 1961–62	2·40
Revised Estimate for 1961–62	6·30
Budget Estimate for 1962–63	4·10

Investigation of the Anamalai Hydro-Electric Scheme (Parambikulam) and Kodayar Hydro-Electric Scheme will be completed this year (1961–62). Investigation of Hogenakal Hydro-Electric Scheme and Pandayar Ponnapuzhur Hydro-Electric Scheme will be taken up during 1962–63.

INDUSTRIES.	(RS IN LAKHS.)
Provision in the Third Plan ..	23,51·00
Revised Estimate for 1961–62 ..	3,41·69
Budget Estimate for 1962–63 ..	4,30·76

XIV. INDUSTRIES AND MINERAL DEVELOPMENT.

1. LARGE AND MEDIUM INDUSTRIES.

(1) *Investigations connected with the Neyveli-Salem Steel Project;.*

	(RS IN LAKHS.)
Provision in the Third Plan	75·00
Revised Estimate for 1961–62	11·48
Budget Estimate for 1962–63	8·81

The preparatory work connected with the establishment of a Steel Project based on Neyveli lignite and Salem iron ore has been taken up during the current year, the State Government bearing the cost of these investigations. A Committee set up by the Government of India is at present examining the various aspects connected with the setting up of a plant utilising Salem iron ores and Neyveli lignite. Bulk samples of lignite and Salem iron ores have been sent abroad for tests on their suitability for the manufacture of iron. A sum of Rs 8·81 lakhs is proposed to be spent on work connected with the tests abroad, the geological survey of the iron ore and limestone deposits and the purchase of certain essential equipment like diamond drills in connection with the geological survey.

(2) *Steel Re-rolling Mill.*

	(RS IN LAKHS.)
Provision in Third Plan	1,00·00
Revised Estimate for 1961–62	0·001
Budget Estimate for 1962–63	0·001 (Token).

A steel re-rolling mill, with an annual production capacity of 20,000 tons has been provided in the Third Plan in the public sector. The mill will meet in part, the requirements of steel of the Government Departments. Preliminary steps are being taken to get a project report prepared and to obtain an industrial licence for the establishment of the rolling mill. A token sum of Rs 100 has been provided for 1962–63, pending the completion of these formalities.

(3) *Expansion of State Geological Department.*

	(RS IN LAKHS.)
Provision in the Third Plan	25·00
Revised Estimate for 1961–62	6·54
Budget Estimate for 1962–63	1·66

The scheme envisages investigation of mineral occurrences, investigation of ground water resources so as to facilitate the proper location of industries and to accelerate the pace of investigation for oil in the Cauvery basin, by expansion of the State Geological Department and equipping it with suitable machinery. The scheme has been sanctioned during the current year and the machinery required will be purchased shortly. A sum of Rs 1·66 lakhs has been provided for 1962–63 in connection with the recurring expenditure on the maintenance of staff and equipment.

HANDLOOMS.		(RS IN LAKHS.)
Provision for Third Plan	..	8,00·00
Revised Estimate for 1961–62	..	1,74·01
Budget Estimate for 1962–63	..	1,83·86

2. HANDLOOMS.

The first 2 years of the Plan will absorb a sum of Rs 3,58 lakhs, nearly 45 per cent of the Plan allocation. The salient features of the schemes are given below :—

(1) Share Capital.

		(RS IN LAKHS.)
Third Plan Provision	.. ..	50·00
Revised Estimate for 1961–62	.. ..	5·00
Budget Estimate for 1962–63	.. ..	10·00

Weavers are admitted as members of the Weavers' Co-operative Societies and a share capital loan not exceeding Rs 37·50 each repayable in two years is given to them for taking shares in the societies. The working capital loans required by the Weavers' Co-operative Societies are provided by the Reserve Bank of India. During 1961–62, 15,000 weavers will be admitted into the co-operative fold. A sum of Rs 5 lakhs will be disbursed as share capital loan to them and also to existing weavers wherever necessary.

During the 1962–63 it is proposed to admit 20,000 weavers into the co-operative fold and Rs 10 lakhs will be disbursed as loans to them and also to existing weavers.

(2) Subsidy towards Interest on the Working Capital Loan.

		(RS IN LAKHS.)
Third Plan Provision	.. ..	20·00
Revised Estimate for 1961–62	.. ..	3·16
Budget Estimate for 1962–63	.. ..	5·18

Loans for working capital are made available to Weavers' Co-operative Societies by the Reserve Bank of India at 5½ per cent out of which 3 per cent is borne by the societies and the balance of 2½ per cent is borne by the Government by way of subsidy under the scheme. Besides, subsidy at half per cent towards the interest charged on advances made by the Reserve Bank of India to the Madras State Handloom Weavers' Co-operative Society for purchase of cloth is being given. During 1961–62 Rs 3·16 lakhs will be disbursed. During 1962–63 a sum of Rs 5·18 lakhs is proposed for disbursement as subsidy.

(3) Research and Technique.

	(Rs in lakhs.)
Third Plan Provision	50·00
Revised Estimate for 1961–62	16·00
Budget Estimate for 1962–63	9·00

With a view to improving the quality of goods and also to reducing the cost of production, the weavers are encouraged to take to the use of improved appliances. The Weavers' Co-operative Societies will also be encouraged to set up their own dye houses. During 1961–62, 33,806 improved appliances will be supplied to the institutions, fifty dye houses will be set up and two godowns constructed. During 1962–63, it is proposed to supply 24,130 improved appliances, to establish 30 small dye houses and one big dye house. A sum of Rs 9·00 lakhs has been provided for this programme during 1962–63.

(4) Rebate.

	(Rs in lakhs.)
Third Plan Provision	3,75·00
Revised Estimate for 1961–62	75·00
Budget Estimate for 1962–63	75·00

With a view to giving a fillip to sale of handloom cloth, rebate on sales of handloom cloth is allowed. In the case of retail sales in Weavers' Co-operative Societies, a rebate of 5 nP. in the rupee and in the case of wholesale sales in Weavers' Co-operative Societies, a rebate of 3 nP. in the rupee is allowed.

The system of rebate has attracted consumers to a large extent and has enabled the co-operatives to record good sales of handloom cloth. Such stimulus is necessary to market the handloom goods and cushion the difference in prices between the Mill cloth and the Handloom cloth. A sum of Rs 75 lakhs will be disbursed as rebate during 1961–62 and a similar sum during 1962–63.

(5) Marketing and Publicity.

	(Rs in lakhs.)
Third Plan Provision	55·00
Revised Estimate for 1961–62	3·00
Budget Estimate for 1962–63	7·50

Various steps have been taken for marketing of handloom goods produced by Weavers' Co-operative Societies through the Madras State Handloom Weavers' Co-operative Society like employment of Marketing Officers, opening of depots, etc. In addition to adequate publicity, participation of Weavers' Co-operative Societies in exhibitions both within and outside the State will be continued. The provision for this scheme will be utilized for other forms of publicity and propaganda like issue of advertisements in newspapers, neon signs, display at Railway stations, Cinema slides, Calendars, etc.

Besides, two Inter-State Depots, one Silk Sales Depot and one Readymade Garments Making Factory at Madras are proposed to be established during 1961–62. During 1962–63, the programme will be continued. Three inter-State depots and ten ratail depots will be opened to augment sales of handloom cloth.

(6) Spinning Mills.

	(Rs in lakhs.)
Third Plan provision	50·00
Revised Estimate for 1961–62	10·00
Budget Estimate for 1962–63	30·00

During 1961–62, a sum of Rs 10 lakhs will be invested in the shares of one Co-operative Spinning Mill at Salem. During 1962–63 it is proposed to invest a sum of Rs 30 lakhs in the shares of three Co-operative Spinning Mills. These mills are proposed to be set up in backward areas.

(7) Industrial Weavers' Co-operative Societies and Construction of Weaving Sheds.

	(Rs in lakhs.)
Third Plan provision	2·50
Revised Estimate for 1961–62	6·73
Budget Estimate for 1962–63	1·00

Industrial Co-operatives are organized for the benefit of the weavers who have no looms of their own and of those who have been thrown out of employment from factories. Thirteen societies are functioning now. An amount of Rs 6·73 lakhs will be disbursed as loans for construction of weaving sheds during 1961–62. An amount of Rs 1 lakh is proposed for this scheme during 1962–63.

(8) Housing Colonies for Weavers.

	(Rs in lakhs.)
Third Plan provision	1,00·00
Revised Estimate for 1961–62	29·20
Budget Estimate for 1962–63	37·05

It is proposed to provide loans and grants to the Weavers, Housing Schemes. During 1961–62, 750 houses will be completed and an amount of Rs 29·20 lakhs will be disbursed. It is proposed to construct 500 houses, during 1962–63 and Rs 31·25 lakhs under Loans and Rs 5·80 lakhs under grants will be disbursed under the scheme.

(9) Provident Fund Contribution.

	(Rs in lakhs.)
Third Plan provision	2·50
Revised Estimate for 1961–62	0·50
Budget Estimate for 1962–63	0·90

During 1961–62, Rs 0·50 lakh is proposed to be disbursed as subsidy towards contribution to the Provident Fund account of the weaver members. During 1962–63, it is proposed to disburse a subsidy of Rs 0·90 lakh under this scheme.

(10) Silk and Art Silk Industry.

	(Rs in lakhs.)
Third Plan provision	15·00
Revised Estimate for 1961–62	5·82
Budget Estimate for 1962–63	3·00

During 1961–62, 200 silk weavers and 100 Art silk weavers will be admitted into the co-operative fold. The working capital loan will be provided under this scheme. Besides, subsidy towards purchase of reeds and healds, dobbies, subsidy towards interest on working capital loan, furniture, etc., will also be provided. During 1962–63, it is proposed to admit 100 silk looms into the co-operative fold. One Gold Thread Making Unit will also be established. Rs 2·34 lakhs under loans and Rs 0·66 lakh under grants will be spent on this scheme.

(11) TRAINING OF WEAVERS IN PATTERN MAKING FACTORIES AND TRAINING OF STAFF OF WEAVERS' CO-OPERATIVE SOCIETIES.

	(RS IN LAKHS.)
Third Plan Provision	5·00
Revised Estimate for 1961–62	0·48
Budget Estimate for 1962–63	0·56

During 1961–62, training will be given to 200 weavers in the Pattern Making Factories and 100 members of staff of Weavers' Co-operative in the maintenance of accounts. During 1962–63, it is proposed to train 200 weavers in the Pattern Making Factories and 100 members of the staff of the Weavers' Co-operative Societies in the maintenance of accounts.

(12) SUBSIDY FOR MANAGERIAL STAFF (RUNNING EXPENSES).

	(RS IN LAKHS.)
Third Plan Provision	5·00
Revised Estimate for 1961–62	1·55
Budget Estimate for 1962–63	1·58

Subsidy will be given to 100 Primary Weavers' Co-operative Societies for meeting their running expenses during 1961–62 and another 100 Weavers' Co-operative Societies during 1962–63.

(13) ORGANIZATIONAL EXPENSES.

	(RS IN LAKHS.)
Third Plan Provision	50·00
Revised Estimate for 1961–62	6·23
Budget Estimate for 1962–63	1·70

During 1961–62, Rs 6·23 lakhs will be spent towards the cost of the staff employed for the implementation of the various Plan Schemes.

(14) LOAN TO RELIEVE INDEBTEDNESS OF WEAVERS.

	(RS IN LAKHS.)
Third Plan Provision	2·50
Revised Estimate for 1961–62	0·50
Budget Estimate for 1962–63	0·50

During 1961–62, Rs 0·50 lakh will be disbursed as loan to 350 weavers at Rs 150 per weaver. During 1962–63, a sum of Rs 0·50 lakh will be advanced as loan to another 350 weavers.

(15) HANDLOOM FINANCE CORPORATION.

	(RS IN LAKHS.)
Third Plan Provision	5·00
Revised Estimate for 1961–62	10·00
Budget Estimate for 1962–63	0·001 (Token provision).

The formation of the Handloom Finance Corporation is a new scheme proposed during the Third Plan period with the objective of providing credit and marketing facilities to weavers outside the co-operative fold. The Government will contribute Rs 10 lakhs towards the share capital of the Corporation. Details regarding the scheme are being worked out.

SMALL-SCALE INDUSTRIES.	(RS IN LAKHS.)
Third Plan Provision	8,00·00
Revised Estimate for 1961–62 ..	1,00·68
Budget Estimate for 1962–63 ..	*1,99·58

3. SMALL-SCALE INDUSTRIES.

The Third Plan provides for a sum of Rs 8 crores for accelerating the tempo of development in small-scale industries. During 1961–62, schemes under the following heads are being implemented at an estimated cost of Rs 1,00·68 lakhs, which includes a sum of Rs 12·50 lakhs to be spent on spillover schemes :—

	(RS IN LAKHS.)
1. District Surveys-Survey and Statistical Section ..	0·36
2. Common Service facilities	5·48
3. Tool Rooms	5·44
4. Rural Workshops	4·69
5. Pilot Production Centres	3·57
6. Research Schemes	0·61
7. Organisation of staff and other Technical Aids	6·29
8. Training	3·171
9. Financial Assistance—Block loans	30·00
10. Industrial Co-operatives	28·136
11. Other services—Raw materials depots for estates and colonies at Coimbatore and Madurai	0·44
Total ..	88·187

* Excludes a lumpsum cut of Rs 1,00·00 lakhs made under small-scale industries and Industrial estates due to probable savings.

During 1962–63, besides continuing the above schemes, the following new schemes are proposed to be implemented :—

	(RS IN LAKHS.)
1. General Purpose Engineering Workshops at Mayuram and Tuticorin	0·22
2. Tool room shops at Madurai and Thanjavur	5·86
3. Common Lease shops in the Industrial Colonies at Tiruchirappalli and Pettai	4·80
4. Expansion of the Common Finishing Shop (Precision Instrument Shop) in the Industrial Estate, Guindy ..	1·97
5. Establishment of two Technical Information Sections in the Industrial Colonies at Madurai and Pettai and expansion of the Technical Information Section in the Industrial Estate, Guindy	1·30
6. Exhibitions, Publicity and Propaganda	1·25
7. Industrial Co-operatives	3·56
Total ..	18·96

The details of the schemes are given below :—

(1) GENERAL PURPOSE ENGINEERING WORKSHOPS AT MAYURAM AND TUTICORIN.

As a first step in the dispersal of industrial growth it is proposed to establish General Purpose Engineering Workshops with a view to enable the introduction of modern techniques of production in a wider field on small scale. During the Second Plan period, two General Purposes Engineering Workshops were started at Vellore and Rajapalayam. The units which commenced production from 1957, worked on profit during 1960–61. During 1961–62, five such workshops have been sanctioned at Nagercoil, Namakkal, Karur, Villupuram and Tiruppur. As a further step in this direction, it has been proposed to establish two more workshops at Mayuram and Tuticorin. It is also proposed to give training to five trainees in each workshop for a period of one year and a stipend of Rs 50 per mensem per trainee will be paid.

2. ESTABLISHMENT OF TOOLROOM SHOPS AT MADURAI AND THANJAVUR.

The tool room shops established during the Second Plan period proved to be very useful in the development of Small-scale Industries and a number of industrialists availed themselves of the facilities provided by these shops. During 1961–62, the establishment of 3 tool room shops at Salem, Katpadi and Coimbatore was sanctioned. During 1962–63, it is proposed to provide tool room facility to two other Industrial Estates at Madurai and Thanjavur.

3. ESTABLISHMENT OF COMMON LEASE SHOPS IN THE INDUSTRIAL COLONIES AT TIRUCHIRAPPALLI AND PETTAI.

The object of the scheme is to instal specialised workshop machinery and hire them out for short periods to small industrialists at the Industrial Estates and Colonies to enable them to undertake additional lines of manufacture and increase their production. The common lease shop established in the Industrial Estate, Guindy, during the Second Plan period has given fillip to many small-scale enterpreneurs. During 1961–62, two shops, one at Madurai and the other at Coimbatore have been sanctioned. During 1962–63, two more shops will be established at Tiruchirappalli and Pettai.

4. EXPANSION OF THE PRECISION INSTRUMENTS SHOP IN THE INDUSTRIAL ESTATE, GUINDY.

With a view to encouraging the manufacture of precision scientific and laboratory instruments in the private sector, the Service Centre for the manufacture of balance scales and laboratory equipment was sanctioned during the Second Plan period. There is increasing demand for servicing in finishing operations from the units in the Industrial Estate, Guindy as well as from small and large industries in and around Madras. It is therefore proposed to expand the unit, at a cost of Rs 1·97 lakhs during 1962–63.

5. TECHNICAL INFORAMTION SECTIONS IN THE INDUSTRIAL COLONIES AT MADURAI AND PETTAI AND EXPANSION OF THE TECHNICAL INFORMATION SECTION IN THE INDUSTRIAL ESTATE, GUINDY.

The object of the scheme is to provide technical information required by the small entrepreneurs housed in the industrial estates and colonies. The Technical Information Section already functioning in the Estate at Guindy, is providing very useful service to the industrialists in the State. During 1962–63, two Technical Information Sections, each equipped with a library and a museum, are proposed to be set up in the Industrial colonies at Madurai and Pettai.

6. EXHIBITION, PUBLICITY AND PROPAGANDA.

The Industries Department, with its Small Scale Industrial Units, will be taking part in various industrial exhibitions organised in State and National level. Publicity will be given through advertisement in dailies, magazines and important journals. During 1962–63, a sum of Rs 1·25 lakhs has been set apart for this purpose.

7. INDUSTRIAL CO-OPERATIVES.

Under this head, it is proposed (1) to reorganise the Pandianadu Industrial Co-operative Timber Works, Madurai district, (2) to establish Industrial Co-operative Societies for Carpenters and Blacksmiths at Peravurni, Thanjavur district and Kancheepuram, Chingleput district and (3) to sanction financial assistance to the Katpadi Co-operative Timber Works, Reid Co-operative Timber Works and the Dindigul Lock Workers' Co-operative Society. A sum of Rs 7·30 lakhs has been set apart for this purpose during 1962–63.

4. INDUSTRIAL ESTATES.

	(RS IN LAKHS.)
Provision in Third Plan	3,20·00
Budget Estimate for 1961–62	76·46
Revised Estimate for 1961–62	36·10
Budget Estimate for 1962–63	1,17·78*

During 1961–62, the work relating to the Industrial Estate at Katpadi will be completed and units allotted. Acquisition of site for the Salem Estate will be completed. Water-supply and Drainage schemes for the Estate at Guindy will be taken up during the year and completed. The programme for 1962–63 includes completion of the work relating to spillover schemes, development of plots, completion of workshops, construction of factory sheds at various industrial estates and expansion of existing estates at Madurai and Erode. A sum of Rs 1,17·78 lakhs has been provided for this purpose.

* Excludes a lumpsum cut of Rs 1,00 lakhs made under Small-Scale Industries and Industrial Estates due to probable savings.

HANDICRAFTS.		(RS IN LAKHS.)
Provision in Third Plan ..	..	60·00
Revised Estimate for 1961–62	..	6·66
Budget Estimate for 1962–63	..	11·16

5. HANDICRAFTS.

Among the important schemes proposed for implementation during Third Plan are the Expansion and upgrading of the School of Arts and Crafts, Madras into a College, expansion of the Sculpture Centre at Mahabalipuram, establishment of emporia in Major Cities, establishment of a Training Centre for Packing Technique, Interior Decoration and Window Display and the establishment of a Central Design Centre at Madras with extension Units at Craft Centres. During the year, the following schemes have been sanctioned for implementation :—

(1) Upgrading of School of Arts and Crafts, Egmore.

(2) Expansion of Sculpture Training Centre at Mahabalipuram.

(3) Construction of buildings for Sales depots at Tiruchirappalli and Salem.

(4) Establishment of Art Pottery Centre at Kosavapet.

A brief description of the programme of work done in 1961–62 and proposed to be taken up in 1962–63 is given below—

(1) Upgrading of School of Arts and Crafts.

		(RS IN LAKHS.)
Provision in the Third Plan	.. ..	8·00
Revised Estimate for 1961–62	.. ..	0·56
Budget Estimate for 1962–63	.. ..	3·54

The School of Arts and Crafts will be upgraded into a College so as to provide advanced training in the Arts and Crafts suited to the genius of the people of this part of the country. New courses like carving and sculpture in wood, metal and stone, which are the basic art crafts of South India and an advanced course in designing for handicrafts will be introduced besides raising the standard of training in the existing courses in Painting, Commercial Art, Modelling and Wood Work. To accommodate the new and advanced courses, additional building will be constructed and improvements made to the existing buildings. The scheme also includes provision for grant of scholarships and purchase of equipment for the new courses. Preliminary steps have been taken for the construction of the buildings. During 1962–63, the construction of building will be taken up and the equipment necessary will be purchased. A sum of Rs 3·54 lakhs has been provided for this purpose during 1962–63.

(2) Expansion of the Sculpture School at Mahabalipuram.

		(RS IN LAKHS.)
Provision in the Third Plan	.. ..	3·50
Revised Estimate for 1961–62	.. ..	0·60
Budget Estimate for 1962–63	.. ..	1·15

The Training Centre for Sculpture at Mahabalipuram will be expanded during the Third Plan period so as to provide for an annual intake of 15 candidates instead of 11 candidates once in four years. An additional building and a workshed for the Centre, a hostel for the trainees and quarters for the warden will be constructed under the scheme.

Preliminary arrangements have been made during the current year for the construction of the building. During 1962–63, work on construction of workshed and hostel will be taken up and pushed through. A sum of Rs 1·15 lakhs has been set apart for this purpose during 1962–63.

(3) DEVELOPMENT OF HANDICRAFTS INDUSTRIAL CO-OPERATIVES.

	(RS IN LAKHS.)
Provision in the Third Plan	20·00
Revised Estimate for 1961–62	4·48
Budget Estimate for 1962–63	1·17

During 1961–62, financial assistance to the extent of Rs. 4·48 lakhs will be given to (1) the Madras State Handicrafts Co-operative Marketing Society for opening Inter-State Depots at Bombay, Calcutta and Delhi ;

(2) the Kayathar Harijan Basket Makers' Co-operative Society and the Kattankulam Harijan Basket Makers' Co-operative Society for training in manufacture of baskets and improved designs ;

(3) the Mat Weavers' Co-operative Societies at Giriamangalam, Veerapandi, Thalakudi, Uthamasholapuram and Dharapuram for their re-organization ;

(4) Organizing Industrial Co-operative Societies for lacquer workers of Chintamani, shell toy manufacturers at Madras, mat weavers at Sultanpet and cane workers at Tiruvottiyur, Madras ; and

(5) establishment of Training Centres for mat-weaving in Pattamadai Fine Mat Weavers' Co-operative Society and the Vilandrasamudram Mat Weavers' Co-operative Society.

During 1962–63, it is proposed to develop and/or organize the following Handicrafts Industrial Co-operatives :

(i) *Organization of Mat Weavers' Co-operative Society at Raghumaniapuram in Tenkasi taluk (Tirunelveli district).*

The scheme aims at providing continuous employment to the large number of Muslim families engaged in mat industry in the area. The Society will be given working capital loan and a grant towards the cost of staff and cost of equipment.

(ii) *Finance assistance to the* —

Keelavarnam Mat Weavers' Co-operative Society, Tirunelveli, district,
Vilangudi Mat Weavers' Co-operative Society, Thanjavur district,
Pettavaithalai Mat Weavers' Co-operative Society, Tiruchirappalli district,
Thenur Mat Weavers' Co-operative Society, Madurai district, and
Kolathupalayam Mat Weavers' Co-operative Society, Coimbatore district.

Under this scheme, it is proposed to re-organise the 5 Mat Weavers' Co-operative Societies mentioned above by giving work-shed accommodation and technical and financial assistance. Each of the societies will be given working capital loan and grant towards cost of staff, tools, equipment, land and building.

(iii) *Financial assistance to the Madras State Handicrafts Co-operative Marketing Society for establishing a Pattern Designing Centre at Madras.*

The object of the scheme is to standardise the handicrafts products sold by the Madras State Handicrafts Marketing Society through its member societies and sales depots and to make them conform to certain patterns and designs to be evolved to satisfy the public demand. Handicrafts like Icons, baskets, art plates and mats will be developed in the first instance. The society will be given working capital loan and grant towards cost of staff, tools and equipment, stipends to trainees and other recurring items.

(iv) *Organisation of Korai Mat Weavers' Co-operative Society at Wandiwash, North Arcot district.*

The object of the scheme is to get the mat weavers of Wandiwash out of the clutches of the merchants and to undertake the purchase, stocking and distribution of Korai grass for supply to sister societies engaged in the industry at reasonable prices. The society will

produce mats on its account by employing workers admitted as members by paying piece rate wages and purchase stock and distribute korai grass to other Mat Weavers' Co-operative Societies.

(v) *Financial assistance to Tiruvanaikoil Mahendra Basket Makers' Co-operative Society for training members in basket making.*

The object of the scheme is to provide financial assistance to the society to start a Training Centre for training 25 of its members in the manufacture of baskets of improved designs, paying them a stipend of Rs 20 per mensem each. It is proposed to give grant to the soceity towards the cost of staff and stipends and other recurring items of expenditure.

(vi) *Financial assistance to the Veeravanallur Mat Weavers' Co-operative Society for training members in mat weaving.*

The scheme envisages starting of a Training Centre for the manufacture of improved varieties of mats in the Veeravanallur Mat Weavers' Co-operative Society and give training for a period of 4 months, to people drawn from various places, paying them a stipend of Rs 30 per mensem and Travelling Allowance of Rs 25 to each of the trainees. The society will be given grant for implementing the same.

(4) ESTABLISHMENT OF A DESIGN DEMONSTRATION CENTRE FOR HANDICRAFTS.

	(RS IN LAKHS.)
Outlay in Third Plan	4·00
Budget Estimate for 1962–63	0·69

A Design Demonstration Centre is proposed to be opened during 1962–63. Extension Units will be opened at Craft Centres later on after watching the working of the Centre. The objects of the scheme are—

(*a*) to utilise the designs evolved by the Regional Designs Centre;

(*b*) to create new designs and arouse the interest of Craftsmen;

(*c*) to survey designs position and design guidance to Craftsmen;

(*d*) to collect samples of crafts for record;

(*e*) to hold displays and demonstrations of new designs; and

(*f*) to train young artisans and craftsmen in the new designs.

(5) EXPANSION OF THE EXISTING EMPORIA AND DEPOTS AND OPENING OF NEW ONES.

	(RS IN LAKHS.)
Outlay in Third Plan	9·00
Revised Estimate for 1961–62	0·58
Budget Extimate for 1962–63	0·15

The building for the Sales Depot, Salem has been completed while the Depot at Tiruchirappalli is nearing completion. The building will be ready for occupation after completion of the interior decoration. Articles of furniture and show cases will be provided at these depots during 1962–63. A sum of Rs 0·15 lakh has been made in the budget for 1962–63 for this purpose.

(6) EXPANSION OF THE ART POTTERY CENTRE AT MADRAS, VRIDHACHALAM AND KARIGIRI AND ESTABLISHMENT OF ADDITIONAL UNITS.

	(RS IN LAKHS.)
Outlay in Third Plan	2·50
Revised Estimate for 1961–62	0·44
Budget Estimate for 1962–63	0·98

The unit for Madras will be located in the premises of the defunct Match Factory, Perambur. Preliminary arrangements are in progress and the unit is expected to commence functioning shortly.

COIR.	(RS IN LAKHS.)
Third Plan Provision	15·00
Revised Estimate for 1961–62 ..	2·96
Budget Estimate for 1962–63 ..	3·24

6. COIR.

Two schemes have been implemented during 1961–62. The progress of their implementation is reviewed below:—

(1) EXPANSION OF COIR SCHOOL AT ETHAMUZHI IN KANYAKUMARI DISTRICT.

	(RS IN LAKHS.)
Third Plan Provision	4·00
Revised Estimate for 1961–62	1·60
Budget Estimate for 1962–63..	2·10

It was decided to construct the workshed in the lands already acquired for the Coir School under Second Plan Scheme. The layout has been prepared and the construction work will be taken up as early as possible. Steps to purchase machinery are also being taken.

(2) COIR CO-OPERATIVES.

	(RS IN LAKHS.)
Third Plan Provision	6·00
Revised Estimate for 1961–62	1·36
Budget Estimate for 1962–63	1·14

Works relating to—

(i) formation of 2 coir societies in Salem district, one at Mecheri and the other at Agrahara Nattanmangalam ;

(ii) opening of 2 godown-*cum*-sales depots for co-operative societies, one in Salem district and the other in Tiruchirappalli district ; and

(iii) construction of godown-*cum*-office for one society at Nagercoil in Kanyakumari district ;

are envisaged. The societies already sanctioned have been registered. The sales depots will be opened shortly.

7. SERICULTURE.

The following six schemes sanctioned for implementation during 1961–62 will be continued during 1962–63 with an outlay of Rs 3·41 lakhs :—

Name of Scheme.	Third Plan provision.	Revised Estimate for 1961–62. (RS IN LAKHS).	Budget Estimate fos 1962–63.
1 Improvements to the Government Silk Farm, Hosur.	4·11	0·96	0·31
2 Scheme for Mulberry Graft production.	1·44	0·46	0·33
3 Market to Cocoon Growers in Tenkasi.	0·59	0·05	0·30
4 Expansion of Cross Breed Grainage ..	— 0·27	0·93	0·49
5 Expansion of Demonstration Silk Farms at Tenkasi, Salem and North Arcot districts.	1·90	0·40	1·86
6 Strengthening of the Sericultural branch of the State Directorate.	0·83	0·06	0·12
Total ..	8·60	2·86	3·41

VILLAGE INDUSTRIES.	(RS IN LAKHS.)
Third Plan Provision	8·00
Revised Estimate for 1961–62 ..	0·05
Budget Estimate for 1962–63 ..	1·26

8. VILLAGE INDUSTRIES.

Many of the schemes under Village Industries are financed by the Khadi and Village Industries Commission and implemented by the State Khadi and Village Industries Board outside the State Plan. Schemes which do not conform to the pattern laid down by the Khadi and Village Industries Commission and which are considered necessary are taken up under the State plan. A provision of Rs 8 lakhs is available for such schemes. So far, under this head, the scheme for the establishment of work centres for blacksmithy and carpentry for semi-educated youths in North Arcot district has been sanctioned. A sum of Rs 1·26 lakhs has been provided for running these centres during 1962–63.

ROADS.	
	(RS IN LAKHS.)
Third Plan Provision	11,00·00
Revised Estimate for 1961–62 ..	1,80·81
Budget Estimate for 1962–63 ..	2,23·26

XV. ROADS.

The Third Five-Year Plan for Roads for Madras State provides an outlay of Rs 11·00 crores. This includes Central Road Fund Allocations and State's share of expenditure on Schemes of Economic and Inter-State Importance also. A sum of Rs 1,80·81 lakhs will be spent during 1961–62.

The provision made for 1962–63 is Rs 2,23·26 lakhs. The allotment under various Schemes is shown below :—

	(RS. IN LAKHS.)
(1) State Highways (Government Roads)	87·13
(2) Roads other than State Highways (District Board Roads).	32·00
(3) Tools and Plant	12·03
(4) Roads of Inter-State and Economic Importance (State's share of expenditure alone).	6·01
(5) Central Road Fund Allocations	36·00
(6) Security Measures Road Works	20·09
(7) Construction of over/under bridges in lieu of existing level crossings (excluding National Highways outside Municipal limits).	30·00
Total ..	2,23·26

A brief description of the individual schemes is given in the following paragraphs :—

1. *State Highways (Government Roads).*

	(RS IN LAKHS).
Third Plan Provision	4,00·00
Revised Estimate for 1961–62	1,03·47
Budget Estimate for 1962–63	87·13

The table below shows the probable physical achievement in 1961–62 :—

	M. F.
Cement concreting	2—2
Asphaltic concreting	0—2
Black topping	55—1
New metalling	47—7
New formation	13—6
Improvements to—	
Minor bridges	10 Nos.
Culverts	20 Nos.
Major bridges	6 Nos.

A sum of Rs 1,03·47 lakhs will be spent during 1961–62.

The provision made for 1962–63 is Rs 87·13 lakhs. The physical target for 1962–63 will be worked out after March 1962.

2. *Roads other than State Highways (District Board Roads).*

	(RS IN LAKHS.)
Third Plan Provision	3,60·00
Revised Estimate for 1961–62	16·30
Budget Estimate for 1962–63	32·00

This scheme provides for improvement schemes on roads other than Government roads and formation of new roads. Under the reorganized set up of Panchayat Unions and Panchayats, these roads are being re-classified into Panchayat Union roads and Panchayat roads. The spillover works of the Second Plan and new works of improvements to, and construction of bridges on, Panchayat Union Roads are to be executed from the State Highways Budget. For this purpose, it is proposed to set apart Rs 1,60 lakhs out of Rs 3,60·00 lakhs for expenditure during Third Plan period.

Formation of link roads is to be taken up by the Panchayats concerned from out of the Village Works Grant Programme. An outlay of Rs 2,00 lakhs has been proposed to be set apart for these works under the village works grant.

Top priority will be given to complete the spillover works of the Second Plan and new works will be taken up for execution thereafter. A sum of Rs 32 lakhs is proposed to be spent during 1962–63 on spillover works.

3. *Tools and Plant.*

	(RS IN LAKHS.)
Third Plan Provision	60·00
Revised Estimate for 1961–62	10·10
Budget Estimate for 1962–63	12·03

This scheme provides for the purchase of Tools and Plant required for the purpose of road and bridge construction works and for Highways Research Station. A sum of Rs 12·03 lakhs has been provided for purchase of Tools and Plant during 1962–63.

4. *Roads of Inter-State and Economic Importance.*

	(RS IN LAKHS.) (*State share only*)
Third Plan Provision	38·00
Revised Estimate for 1961–62	6·78
Budget Estimate for 1962–63	6·01

The Plan provision of Rs 38·00 lakhs represents the State's share of expenditure on the works taken up under this scheme. A sum of Rs 6·01 lakhs has been provided to meet the State's share of expenditure on works sanctioned during the Second Plan period.

5. *Central Road Fund Allocations.*

	(RS IN LAKHS.)
Third Plan Provision	1,75·00
Revised Estimate for 1961–62	13·68
Budget Estimate for 1962–63	36·00

The works taken up under this scheme both on Government and other roads are financed from State allocations of the Central Road Fund. A sum of Rs 13·68 lakhs will be spent (excluding Reserve Works) during 1961–62. The likely physical achievement in 1961–62 will be 2 improvement schemes, 5 bridge schemes and 5 furlongs length of new formation and spillover works of Second Plan.

An Amount of Rs 36·00 lakhs is proposed to be spent in 1962–63 on spillover works.

6. *Security Measures Road Works.*

	(RS IN LAKHS.)
Third Plan Provision	27·00
Revised Estimate for 1961–62	25·08
Budget Estimate for 1962–63	20·09

Improvement works and new road formation works are being carried out in the backward areas of Ramanathapuram district. A sum of Rs 25·08 lakhs will be spent during 1961–62. The probable physical achievements will be new road formation to a length of 38 miles 6 furlongs, 12 improvement schemes and 2 bridges.

A sum of Rs 20·09 lakhs has been allotted for the scheme for 1962–63.

7. *Construction of over/under bridges in lieu of existing level crossings.*

	(RS IN LAKHS.)
Third Plan Provision	40·00
Revised Estimate for 1961–62	5·00
Budget Estimate for 1962–63	30·00

It is proposed to construct over/under bridges in lieu of the railway level-crossings at (*a*) Thiruvottiyur High Road and (*b*) Light House Road. A sum of Rs 5·00 lakhs will be spent during 1961–62.

A sum of Rs 30·00 lakhs has been allotted for 1962–63.

TOURISM.	(Rs in lakhs.)
Third Plan Provision	25·00*
Revised Estimate for 1961–62 ..	0·50*
Budget Estimate for 1962–63 ..	7·61*

XVI. TOURISM.

The following three schemes have been proposed for execution during 1961–62 :—

(1) Low-income Group Rest House at Ootacamund.

(2) Low-income Group Rest House at Courtallam.

(3) Improvement to Rani Mangammal Chatram at Madurai.

Instead of constructing a small building at Ootacamund with a provision of Rs 1·25 lakhs, it has been decided to construct a Tourist Bungalow at Ootacamund in two stages at a cost of Rs 10 lakhs to accommodate 100 persons. Plans and estimates for the first stage have been approved for Rs 7 lakhs. Instead of constructing a new building at Courtallam, the possibility of purchasing the building "Scorpion Hall" and the surrounding area at Courtallam which belong to the Kerala Government is under consideration and the Government of Kerala have been addressed in the matter. Plans and estimates for the improvement to Rani Mangammal Chatram at Madurai are under scrutiny. The execution of these schemes will be continued in 1962–63.

The following are the new schemes proposed for 1962–63 :—

	Provision for 1962–63. (Rs in lakhs.)
(1) Holiday huts on Madras Mahabalipuram Beach ..	1·00
(2) Low-income Group Rest House at Kodaikanal	1·25
(3) Provision of boating facilities in and desilting of the lakes at Ootacamund and Kodaikanal	2·00
(4) Low-income Group Rest House at Thanjavur	2·00
(5) Low-income Group Rest House at Mahabalipuram ..	2·00

* Excludes Central share of Centrally-sponsored Schemes.

GENERAL EDUCATION.	
	(RS IN LAKHS.)
Third Plan Provision	25,42·99
Revised Estimate for 1961-62 ..	2,31·00
Budget Estimate for 1962-63 ..	3,58·00

XVII. GENERAL EDUCATION.

The outlay for General Education for the Third Plan is Rs 25,42·99 lakhs. The Revised Estimate for 1961-62 is Rs 2,31·00 lakhs and the Budget Estimate for 1962-63 is Rs 3,58·00 lakhs. The estimated outlay for the first two years of the Plan period is Rs 5,89·00 lakhs, which represents about 23 per cent of the total outlay on General Education.

A brief note about the important schemes included in the Third Plan is given below :—

Elementary Education.

1. *Enrolment of pupils of the age-group* 6—11.

	(RS IN LAKHS.)
Third Plan Provision	11,38·00
Revised Estimate for 1961-62	70·00
Budget Estimate for 1962-63	1,45·10

The scheme of compulsory education for children of the age-group 6—11 was introduced in 1960-61 according to a phased programme in one-third area of the State beginning with the age-group 6—7. In 1961-62 it was enforced in respect of the age-groups 6—7 and 7—8 in that area and was also introduced in another one-third of the area of the State for the age-group 6—7. The programme for the year is the enrolment of two lakhs of additional pupils and the appointment of 4,420 additional teachers.

During 1962-63 it is proposed to enforce compulsion for three age-groups in the first area and two age-groups in the second area and also to introduce in the remaining one-third area for two age-groups 6—7 and 7—8. According to this programme compulsion will be in force for the age-group 6—11 throughout the State by the end of Third Plan. During the year, about 4 lakhs of pupils are to be newly enrolled under the scheme. For this enrolment about 8,890 additional teachers will also be appointed at the rate of one teacher for 45 pupils. One-fifth of these teachers will be of the Secondary Grade and the remaining of the Higher Elementary Grade.

2. *Enrolment of pupils of the age-group* 11—14.

	(RS IN LAKHS.)
Third Plan Provision	2,50·00
Revised Estimate for 1961-62	14·14
Budget Estimate for 1962-63	40·34

During the Third Plan period it is proposed to enrol 2·15 lakhs of pupils of the age-group 11—14. The programme for 1961-62 is the enrolment of 50,000 pupils of this age-group and the appointment of 1950 Secondary Grade teachers. The target is expected to be achieved before the end of the year.

During 1962–63 the enrolment of 70,000 pupils additionally of the age-group 11—14 and the appointment of 1,750 Secondary Grade teachers at the rate of one for 40 pupils are contemplated. The enrolment will be mostly in aided and local body schools and additional accommodation required will be provided in rented buildings. Provision has also been made for supply of necessary equipment at Rs 250 per teacher and payment of contingencies at Rs 5 per mensem per teacher.

3. *Construction of quarters for women teachers.*

	(RS IN LAKHS.)
Third Plan Provision	25·00
Revised Estimate for 1961–62	3·00
Budget Estimate for 1962–63	8·73

Provision has been made during 1961–62 for the construction of 203 quarters for women teachers in rural areas. The construction of all these quarters is not likely to be completed before the end of the year. The programme for 1962–63 is the construction of 170 more quarters, besides completing the construction of those taken up for execution during 1961–62.

4. *Conversion of Elementary Schools into Basic Schools including re-training Programme.*

	(RS IN LAKHS.)
Third Plan Provision	34·15
Revised Estimate for 1961–62	11·28
Budget Estimate for 1962–63	..

The target for 1961–62 is the conversion of 400 elementary schools into basic schools and to re-train 800 elementary school teachers in the methods of basic education. The physical target has been achieved as far as schools are concerned. The re-training programme for the teachers will be completed before the end of the year.

The programme for 1962–63 is to convert another 400 elementary schools into basic schools and to re-train 800 teachers.

Secondary Education.

1. *Enrolment of pupils of the age-group* 14—17.

	(RS IN LAKHS.)
Third Plan Provision	2,45·00
Revised Estimate for 1961–62	2·95
Budget Estimate for 1962–63	9·19

Corresponding to the increased enrolment in the primary and middle stages in the First and Second Plans, there will be larger enrolments in the Secondary Schools in the Third Plan. Provision has therefore been made in the Third Plan for the enrolment of 75,000 pupils of the age-group 14—17. It is proposed to enrol additionally 25,000 pupils of this age-group during 1961–62 and to appoint 625 B.T. teachers. It is expected that all the teachers will be appointed and the pupils enrolled, before the end of the year. During 1962–63 another 25,000 pupils will be enrolled and another 625 B.T. teachers appointed.

2. *Opening of multi-purpose schools.*

	(RS IN LAKHS.)
Third Plan Provision	39·00
Revised Estimate for 1961–62	4·08
Budget Estimate for 1962–63	5·85

It is proposed to introduce 150 bifurcated courses during the Third Plan period. The programme for 1961–62 is the opening of 30 bifurcated courses in selected secondary schools with a view to converting them into multi-purpose schools. The courses will be opened this year. It is proposed to open 30 additional bifurcated courses during 1962–63.

3. *Improvement of Secondary Education.*

	(RS IN LAKHS.)
Third Plan Provision	70·33
Revised Estimate for 1961–62	13·90
Budget Estimate for 1962–63	16·85

This scheme envisages the improvement of teaching of Science in 40 schools, improvement of teaching in core subjects in 270 schools, improvement of schools libraries in 540 schools and introduction of craft in 180 schools. The programme for 1961–62 is the selection of eight schools for improvement of Science, 54 schools for improvement of core subjects, 108 schools for improvement of libraries and 36 schools for introduction of craft. The improvements will be carried out in the course of the year. A similar programme will be taken up for implementation during 1962–63.

4. *Construction of Hostels for Girls.*

	(RS IN LAKHS.)
Third Plan Provision	18·00
Revised Estimate for 1961–62	3·60
Budget Estimate for 1962–63	3·60

It is proposed to construct eight hostels for girls reading in Secondary Schools during 1961–62. The schools in which hostels are to be constructed have been selected. The hostels are expected to be completed before the end of this year.

The programme for 1962–63 is the construction of an additional eight hostels for girls.

UNIVERSITY EDUCATION.

	(RS IN LAKHS.)
Third Plan Provision	56·00
Revised Estimate for 1961–62	0·333
Budget Estimate for 1962–63	0·503

Provision has been made in the Third Plan for the payment of grants to Madras and Annamalai Universities for their development schemes. During 1961–62 and 1962–63 a token provision has been made for disbursements of matching grants to Madras and Annamalai Universities. Provision has also been made for development of facilities in the Presidency College, Madras. A sum of Rs 0·33 lakh and Rs 0·50 lakh has been set apart for 1961–62 and 1962–63 respectively for this purpose.

Other Education Schemes.

1. *Adult Education.*

	(Rs in lakhs.)
Third Plan Provision	20·00
Revised Estimate for 1961–62	0·92
Budget Estimate for 1962–63	1·57

The programme for 1961–62 is to open 300 Adult Literacy Schools and one Adult Training School. No Adult Literacy Schools have been opened so far as there is a ban on the opening of these schools. These schools will be opened as soon as the ban is lifted. The Adult Literacy Training School has been opened and is functioning.

Three hundred Adult Literacy Schools will be opened during 1962–63.

2. *Public Library Service.*

	(Rs in lakhs.)
Third Plan Provision	50·00
Revised Estimate for 1961–62	3·20
Budget Estimate for 1962–63	5·64

Children and adults who have received education are likely to relapse into illiteracy if reading materials are not made available for them within easy reach. Provision has therefore, been made in the Plan for the opening of 300 branch libraries at the rate of 60 libraries per annum. The aim is that no locality having a population of 5,000 and above should be without a branch library. It is proposed to open 60 branch libraries in villages with a population of 5,000 and above during 1961–62. All these libraries will be opened in the course of the year. Sixty more branch libraries will be opened during 1962–63.

Provision has also been made for the construction of additional accommodation for the Connemara Public Library, which is the State Central Library.

Cultural Activities.

A sum of Rs 0·11 lakh has been provided for 1961–62 Rs 0·65 lakh and 1962–63 for the implementation of the following schemes :—

(*a*) Archaeology.

(*b*) Development of Academies.

(*c*) Grants to Voluntary Organisations.

(*d*) Exchange of Cultural Troupes and

(*e*) Improvements to Government Museums at Madras and Pudukkottai.

TECHNICAL EDUCATION.	
	(RS IN LAKHS.)
Third Plan Provision	6,52·00
Revised Estimate for 1961–62 ..	66·93
Budget Estimate for 1962–63 ..	1,19·52

XVIII. TECHNICAL EDUCATION.

The progress of the schemes during 1961–62 and the programme for 1962–63 are indicated below :—

(i) CONTINUATION SCHEMES.

Engineering Colleges.—The construction of the third hostel block and another hostel for Post-Graduate students in the College of Engineering, Guindy is under progress. The construction of the Science Block in the Government College of Technology, Coimbatore is also in progress. New workshop buildings are proposed to be put up in the College of Engineering, Guindy to meet the requirements of practical training facilities consequent on the introduction of the five-year Integrated Course.

Polytechnics.—The land for locating the Central Polytechnic and Allied Institutes has been acquired and necessary steps taken to put up the requisite buildings. The lands required for the construction of permanent buildings for the Government Polytechnic, Nagercoil have also been acquired. Import control authorities, have been addressed for release of licences to procure equipments of precision type for instructional facilities.

(ii) NEW SCHEMES.

Works connected with the Establishment of a Fundamental Research Station at Guindy are under way. Three Junior Technical Schools have been started during the year as attached Institutions to the Government Polytechnic, Coimbatore, Nachimuthu Polytechnic, Pollachi and Seshasayee Institute of Technology, Tiruchirappalli. The intake of the Seshasayee Institute of Technology, Tiruchirappalli and the Nachimuthu Polytechnic, Pollachi has also been increased from 120 to 180 from this year. A Sandwich course has been started in the Coimbatore Institute of Technology, from this academic year.

The following schemes will be implemented during 1962–63 :—

(1) Regional Engineering College at Tiruchirappalli.

(2) A Training Centre for Chemical Operators.

(3) Improvements to the Institute of Film Technology, Madras.

(4) Post Diploma Course in Town and Country Planning.

(5) Separating Diploma Course at P.S.G. College, Coimbatore and Alagappa Chettiar College of Technology, Karaikudi.

(6) Loans to students in Engineering, Medical, Agricultural and Veterinary Education.

A brief note about the schemes is given below—

(1) *Regional Engineering College in the State.*

	(RS IN LAKHS.)
Provision in the Third Plan	20·00
Revised Estimate for 1961–62	1·00
Budget Estimate for 1962–63	4·00

A Regional Engineering College, with an annual intake capacity of 250 students, will be set up during the Third Plan period. The Government of India would be spending a sum of Rs 60 lakhs on this programme. The State Government will meet the cost of land and 50 per cent of the recurring cost of the college. The Government of India have been addressed regarding the place of location of the college. The lands required for the college will be acquired shortly.

(2) *Establishment of a Training Centre for Chemical Operators.*

	(RS IN LAKHS.)
Third Plan Provision	12·00
Budget Estimate for 1962–63	0·001 (Token)

The scheme envisages setting up of a separate institute of the type of a Polytechnic to train candidates for a duration of three to four years. The candidates after training will be absorbed in supervisory jobs in the fertilizer and allied industries in the private and public sectors. The details of the scheme are being examined. A committee consisting of representatives of State and Central Governments and Chemical Industries in the State has been constituted to go into details regarding location, organisational set up, etc., for the establishment of the Centre. Pending finalisation of the details a token provision has been made for 1962–63.

(3) *Improvements to the Film Institute.*

	(RS IN LAKHS.)
Provision in the Third Plan	5·50
Budget Estimate for 1962–63	5·00

The Institute of Film Technology has been set up as an independent institution for imparting technical training to film technicians and for imparting diploma courses of study in the following subjects :—

(1) Cinematography.

(2) Sound Engineering.

(3) Film Processing.

It was set up in the Academic year 1960–61 and is temporarily located in the buildings of the Regional School of Printing, Madras. It is proposed to shift the institute to the site newly acquired at Adyar and put up permanent buildings during 1962–63.

(4) *Post Diploma Course in Town and Country Planning—Part Time—Short Term, Post Diploma and Teacher Training Programmes.*

	(RS IN LAKHS.)
Third Plan Provision	50·00
Budget Estimate for 1962–63	0·25

An outlay of Rs 50·00 lakhs has been provided for this scheme in the Third Five-Year Plan. To begin with, it is proposed to start a Post-diploma Course in Town and Country Planning the details of which are given below—

The question of expansion of training facilities in Town and Country Planning has been engaging the attention of the Government for some time. At present there is no institution offering either a Degree or a Diploma Course in Town and Country Planning in this State. It has been decided that so far as the needs of the local bodies are concerned it would be sufficient to provide for a Post-diploma Course to which upper subordinates or licentiates could be admitted. Accordingly it is proposed to institute a Post-diploma Course in Town and Country Planning in the Central Polytechnic, Guindy, Madras with the assistance of the Director of Town-Planning. The Course will be of one and a half years duration, i.e., one year in the institution followed by six months' intensive training in the office of the Director of Town-Planning. The course will be open to L.C.E. students and only 10 candidates will be admitted each year.

(5) *Separating Diploma Course at P.S.G. College, Coimbatore and Alagappa Chettiar College of Technology, Karaikudi.*

	(RS IN LAKHS.)
Third Plan Provision	10·00
Budget Estimate for 1962–63	2·00

The P.S.G. and Alagappa Chettiar Polytechnics are at present functioning as attached institutions to the respective Engineering Colleges at Coimbatore and Karaikudi. The intake of the above two Engineering Colleges is proposed to be increased from 120 to 180 during the Third Five-Year Plan. With the expansion of these two Engineering Colleges, it is felt that the separation of Polytechnics from the Engineering Colleges is quite essential and urgent as the present set up of these institutions creates considerable administrative and practical difficulties affecting the practical training of students studying in both the institutions. It is therefore proposed to separate the Diploma Courses conducted at these two institutions and to establish separate Polytechnics with an intake of 120 students during 1962–63.

(6) *Loans to students in Engineering, Medical, Agricultural and Veterinary studies.*

	(RS IN LAKHS.)
Provision in the Third Plan	..
Budget Estimate for 1962–63	3·00

The scheme envisages loans for educational purposes to students studying in the Engineering, Medical, Agricultural and Veterinary Colleges on the basis of similar schemes in force in other State like Orissa, Andhra and Kerala. The loans will be interest-free and will be given to students of more than average ability having an aptitude for higher education particularly in technical and other professional courses studying in Government as well as private institutions who lack adequate means to pursue such education. The scheme will be confined to children of non-gazetted Government servants and teachers in the first instance.

HEALTH.

	(RS IN LAKHS.)
Third Plan Provision	21,50·00
Revised Estimate for 1961–62 ..	5,21·11
Budget Estimate for 1962–63 ..	5,21·09

XIX. HEALTH.

A. MEDICAL.

HOSPITALS AND DISPENSARIES.

(1) *Improvements to Non-Taluk Headquarters Hospitals.*

	(RS IN LAKHS.)
Third Plan Provision	8·00
Budget Estimate for 1962–63	0·25

The works sanctioned during 1961–62 will be completed. The construction of a ward of six beds at the Government Dispensary at Thengapattinam, Kanyakumari district, at a cost of Rs 25,000 will be taken up in 1962–63.

(2) *Improvements to Taluk Headquarters Hospitals.*

	(RS IN LAKHS.)
Third Plan Provision	50·00
Revised Estimate 1961–62	14·66
Budget Estimate for 1962–63	13·42

The works sanctioned in 1961–62 and improvements to the Government Hospital, Karur, will be taken up under this scheme in 1962–63.

Up to now increase of bed strength has been effected in 1961–62 in the following institutions :—

	Number of beds.
(1) Government Hospital, Kumbakonam	16
(2) Government Hospital, Ariyalur	12
(3) Government Hospital, Tenkasi	20
(4) Government Hospital, Tuticorin	30
(5) Government Hospital, Sankarankoil	22
(6) Government Hospital, Ambasamudram	20
Total ..	120

Eighty more beds may be expected to be provided by the end of this year.

(3) *Improvements to District Headquarters Hospitals.*

	(RS IN LAKHS.)
Third Plan Provision	30·00
Revised Estimate for 1961–62	19·23
Budget Estimate for 1962–63	17·20

The bed strength of the Government Headquarters Hospitals, Coimbatore and Cuddalore has been increased by 128 and 12 respectively in 1961–62. The bed strength of the following hospitals will be increased during the year :—

	Number of beds.
(1) Government Headquarters Hospital, Chingleput ..	118
(2) Government Headquarters Hospital, Nagercoil ..	76
(3) Government Headquarters Hospital, Palayamkottai ..	50
(4) Government Headquarters Hospital, Vannarpet ..	50
Total ..	294

The works already sanctioned will also be completed.

(4) *Construction of quarters for Medical Officers.*

	(RS IN LAKHS.)
Third Plan Provision	5·47
Revised Estimate for 1961–62	2·51
Budget Estimate for 1962–63	4·46

About 35 quarters will be taken up for 1962–63.

(5) *Construction of quarters for Nurses.*

	(RS IN LAKHS.)
Third Plan Provision	7·00
Revised Estimate for 1961–62	2·31
Budget Estimate for 1962–63	5·35

The works already sanctioned will be completed. The following works will be taken in 1962–63 :—

		Estimated Cost. RS
(1)	Four Nurses quarters in the Government Hospital, Tiruchendur.	24,330
(2)	Do. Government Hospital, Sankarankoil.	19,400
(3)	Do. Government Hospital, Koilpatti.	21,200
	Total ..	64,930

(6) *Provision of Ambulance Vans.*

	(RS IN LAKHS.)
Third Plan Provision	5·00
Revised Estimate for 1961–62	0·25
Budget Estimate for 1962–63	0·09

Two vans will be provided to two District Headquarters Hospitals in 1962–63.

(7) *Artificial Limb Centre.*

	(RS IN LAKHS.)
Third Plan Provision	3·00
Revised Estimate for 1961–62	0·002
Budget Estimate for 1962–63	0·001

The scheme is under revision and so a token provision only has been proposed.

(8) *Improvements to Teaching and City State Hospitals.*

	(RS IN LAKHS.)
Third Plan Provision	87·00
Revised Estimate for 1961–62	16·14
Budget Estimate for 1962–63	11·41

In 1961–62, the bed strength of the Government General Hospital, Madras will be increased by 60 ; the Government Kasturba Gandhi Hospital for Women and Children, Madras by 100 and the Government Stanley Hospital, Madras by 24.

The works sanctioned will be pushed through. The following additional works are proposed to be taken up in 1962–63 :—

	Estimated Cost.
	RS
(1) Conversion of open terrace into room for Women House Surgeons in Government General Hospital, Madras.	84,500
(2) Construction of two additional upper floors over the new Nurses quarters in Government Stanley Hospital, Madras	2,30,000
(3) Provision of work benches and laboratory fittings to new Out-patient Block in Government Stanley Hospital, Madras	1,00,000
(4) Opening of a modern Children's Hospital for women and Children, Egmore, Madras (Estimated Cost Rs 15 lakhs.)	100
Total ..	4,14,600

The establishment of a separate well equipped Children's Hospital for the Madras City will release nearly 170 beds from the Government General Hospital, Madras. Assistance to the extent of nearly Rs 10 to 15 lakhs in the form of equipment may be expected from international agencies. The Hospital will be located in the Arni House-site attached to the Government Hospital for Women and Children, Egmore, Madras.

HEALTH UNITS.

Opening of Primary Health Centres.

	(Rs in lakhs.)
Third Plan Provision	1,00·00
Revised Estimate for 1961–62	17·44
Budget Estimate for 1962–63	12·10

The works sanctioned will be completed. Forty more Primary Health Centres will be set up during 1962–63.

MEDICAL COLLEGES.

	(Rs in lakhs.)
Third Plan Provision	2,00·00
Revised Estimate for 1961–62	59·77
Budget Estimate for 1962–63	62·78

The works already sanctioned will be implemented. A sum of Rs 1·00 lakh has been provided for in 1962–63 for the establishment of a new Medical College. For improvements to Medical Colleges, another provision of Rs 1·00 lakh has been made in 1962–63.

Training Programmes.

(1) Training of additional Nurses.

	(Rs in lakhs.)
Third Plan Provision	10·00
Revised Estimate for 1961–62	1·48
Budget Estimate for 1962–63	1·61

The scheme will continue in 1962–63.

(2) Training of Pharmacists.

	(Rs in lakhs.)
Third Plan Provision	6·00
Revised Estimate for 1961–62	0·94
Budget Estimate for 1962–63	1·03

The scheme will continue in 1962–63.

Opening of a new Hospital and College of Indigenous Medicine, Madras.

	(Rs in lakhs.)
Third Plan Provision	25·00
Revised Estimate for 1961–62	0·001
Budget Estimate for 1962–63	0·002

A token provision only has been made as the scheme has not yet been finalised.

CONTROL OF DISEASES.

ESTABLISHMENT OF TUBERCULOSIS CLINICS.

	(RS IN LAKHS.)
Third Plan Provision	12·00
Revised Estimate for 1961–62	3·62
Budget Estimate for 1962–63	3·64

The construction of buildings for the two clinics in Government Hospitals, at Tiruvannamalai and Aruppukottai will be pushed through. Two more clinics at Kumbakonam and Dindigul have been proposed for 1962–63.

IMPROVEMENTS TO TUBERCULOSIS SANATORIA.

	(RS IN LAKHS.)
Third Plan Provision	10·00
Revised Estimate for 1961–62	2·32
Budget Estimate for 1962–63	1·60

The works already sanctioned will be completed. During 1962–63, it is proposed to construct a new out-patient block with provision for separate waiting halls for men and women in the T.B. Hospital, Nagercoil at an estimated cost of Rs 1·84 lakhs. A provision of Rs 50,000 has been included for this scheme for 1962–63.

ESTABLISHMENT OF 25 LEPROSY SUBSIDIARY CENTRES.

	(RS IN LAKHS.)
Third Plan Provision	40·00
Revised Estimate for 1961–62	2·23
Budget Estimate for 1962–63	2·28

The construction of quarters for staff of the Leprosy Subsidiary Centres already sanctioned is under progress and will be pushed through.

IMPROVEMENTS TO LEPROSY CENTRES.

	(RS IN LAKHS.)
Third Plan Provision	20·00
Revised Estimate for 1961–62	0·002
Budget Estimate for 1962–63	0·002

The works sanctioned will be completed.

VENEREAL DISEASES—IMPROVEMENTS TO VENEREAL DISEASES DEPARTMENT IN GOVERNMENT GENERAL HOSPITAL, MADRAS, AND VENEREAL DISEASES CLINIC.

	(RS IN LAKHS.)
Third Plan Provision	5·00
Revised Estimate for 1961–62	0·25
Budget Estimate for 1962–63	0·001

A scheme for Inter-Laboratory Evaluation of Serological tests in syphilis at the Institute of Venereology, Government General Hospital, Madras, has been sanctioned in 1961.

ESTABLISHMENT OF BIOCHEMICAL LABORATORIES IN CITY STATE HOSPITALS.

	(RS IN LAKHS.)
Third Plan Provision	5·00
Revised Estimate for 1961–62	0·001
Budget Estimate for 1962–63	0·001

The proposals are under examination.

DEVELOPMENT OF PUBLIC HEALTH LABORATORY SERVICES.

	(RS IN LAKHS.)
Third Plan Provision	12·00
Revised Estimate for 1961–62	1·23
Budget Estimate for 1962–63	3·00

The building work at Coimbatore Public Health Laboratory will be pushed through in 1962–63.

CENTRALLY SPONSORED SCHEMES.

FAMILY PLANNING CLINICS.

	(RS IN LAKHS.)
Third Plan Provision	64·00 *
Budget Estimate for 1961–62	10·35 *
Revised Estimate for 1962–63	10·38 *

1. OPENING OF FAMILY PLANNING CLINICS.

For the Third Five-Year Plan, it has been tentatively fixed to open 100 Urban and 150 Rural Family Planning Clinics as per the target given below :—

	Urban.	*Rural.*
First year	20	30
Second year	20	30
Third year	20	30
Fourth year	20	30
Fifth year	20	30
Total ..	100	150

As a first step to open the Family Planning Clinics during the Third Five-Year Plan period, the opening of Family Planning Clinics in all the Primary Health Centres has been sanctioned. Rural Family Planning Clinics will also be set up in the Government Hospitals and dispensaries in the State where no Family Planning Clinics are functioning now. The Government have recently ordered the employment of Social Workers who will be given training in Family Planning for a period of two months at the Regional Family Planning Training Centre, Government Hospital for Women and Children, Madras. These Social Workers will be posted to the Family Planning Clinics to be opened during this Plan period.

* State's share only.

2. Setting up of Special Salpingectomy Centres at the three Government Maternity Hospitals in Madras City and construction of 20 bedded ward and 30 bedded ward in the Kasturba Gandhi Hospital for Women and Children and Government Hospital for Women and Children, Madras, respectively and Employment of Additional Staff.

The plans and the estimates in respect of the 30 bedded ward for the Government Kasturba Gandhi Hospital for Women and Children, Madras, are under consideration. In respect of Government Hospital for Women and Children, the plans and estimates are under preparation.

3. Extension of the Intensive Scheme for the Popularisation of Surgical Methods to more Areas in the Mufassal.

Government have so far accorded sanction for the implementation of "Intensive Scheme for the popularisation of surgical methods" in the mufassal to 11 Government Medical Institutions by which each eligible father or mother who undergoes sterilisation operation is paid Rs 30 as compensatory allowance. In order to extend the scheme to the Primary Health Centres, Government have accorded sanction for the training of the Medical Officers of the Primary Health Centres in the conduct of Vasectomy operations for a period of one week at the respective District Headquarters Hospitals. As soon as these Medical Officers are trained, Vasectomy operations will be undertaken in the Primary Health Centres.

4. Education and Publicity.

Recently the Government of India have sanctioned the purchase of 20-seater station wagon for use of Regional Training Centre and for the propagation of Family Planning Programme in and around Madras City. Necessary arrangements are being made for the purchase of the station wagon.

The State Government have already addressed the Government of India for the provision of 13 propaganda units (van with staff) for the popularisation of Family Planning Scheme in the rural areas and the Government of India's sanction is still awaited.

During the Third Five-Year Plan publicity will be done through the media of pamphlets, posters, cinema slides and films.

B. PUBLIC HEALTH.

The following twelve schemes which were sanctioned for implementation during 1961–62 will be continued during 1962–63 :—

	Third Plan provision.	*Revised Estimate, for 1961–62.*	*Budget Estimate, for 1962–63.*
	(RS IN LAKHS.)	(RS IN LAKHS.)	(RS IN LAKHS.)
(1) Mobile Epidemic Unit	5·00	0·62	0·15
(2) Training of Health Visitors	4·00	0·29	0·54
(3) Training of Thayis	10·00	1·83	2·00
(4) Training of Auxiliary Health Workers ..	1·00	0·20	0·30
(5) National Malaria Eradication Programme.	1,00·00	1,04·81	82·19

	Third Plan provision.	Revised Estimate for 1961–62.	Budget Estimate for 1962–63.
	(RS IN LAKHS.)	(RS IN LAKHS.)	(RS IN LAKHS.)
(6) National Filaria Control Programme ..	30·00	3·12	3·37
(7) B.C.G. Vaccination Campaign	14·00	3·68	3·74
(8) Smallpox Eradication Programme ..	60·00	4·49	1·77
(9) Control of Guineaworm disease	15·00	2·53	2·21
(10) Eradication of Yaws disease	8·00	2·26	1·29
(11) Provision of sanitary facilities in schools.	10·00	2·00	2·00
(12) Establishment of Epidemiological Unit at the Directorate of Public Health.	2·00	0·61	0·30

In addition, the following three schemes have been proposed for implementation during 1962–63.

1. Construction of 20 Isolation Sheds in Selected Primary Health Centres.

	(RS IN LAKHS.)
Third Plan Provision	2·00
Budget Estimate for 1962–63	1·40

One of the essential requirements for the control of smallpox and cholera is the maintenance of Infectious Diseases hospitals and sheds. At present, only a very few local bodies in the State maintain such hospitals or sheds. With regard to others, improvised temporary sheds are constructed by local bodies during times of epidemics. As the existing arrangements have been found to be unsatisfactory it is proposed to construct isolation sheds at a cost of Rs 5,000 each in 20 selected Primary Health Centres.

2. Immunization of Pre-School Children with Triple Vaccine.

	(RS IN LAKHS.)
Third Plan Provision	7·00
Budget Estimate for 1962–63	2·10

As many pre-school children in the age-group of 1 to 5 years fall victims either to one or more of the three diseases, viz., whooping cough, diptheria and tetanus, it is essential that they should be immunised against these diseases, with a view not only to reduce the mortality but also to reduce the morbidity among children. It is, therefore, proposed to immunize children by the administration of the combined vaccine called " Triple vaccine".

The scheme of immunization will be implemented through the agency of Primary Health Centres and their sub-centres so that the Medical Officers of the Centres may give the injection to the children within their jurisdiction and watch their results.

C. URBAN WATER-SUPPLY AND DRAINAGE SCHEME.

	(RS IN LAKHS.)
Provision in the Third Plan	7,50·00
Revised Estimate for 1961–62	1,19·76
Budget Estimate for 1962–63	1,50·00

The scheme envisages the provision of water-supply and drainage facilities for the Urban areas in the State (excluding Madras City) consisting of 66 municipalities and 151 major panchayats. At the end of the Second Plan period, water-supply facilities were made available in 50 municipalities and 15 panchayats and drainage facilities in 10 municipalities. During 1961–62, water-supply schemes will be extended to two municipalities, Udumalpet and Dharapuram covering a population of 0·46 lakh. During 1962–63, it is proposed to extend water-supply to panchayats of Tenkasi, Courtallam, Bhavani, Kumarapalayam, Kaveripatnam and Velur and drainage facilities to two panchayats, namely, Sattur and Tirumangalam. Besides, work on water-supply schemes in (i) Salem, (ii) Coimbatore, (iii) Tirupur, (iv) Ootacamund, (v) Tiruchirappalli and (vi) Pollachi municipalities and (vii) Satyamangalam Panchayat will be undertaken in 1962–63. Drainage schemes will also be taken up in Tuticorin and Ootacamund municipalities and in Sattur Panchayat.

D. WATER-SUPPLY AND DRAINAGE SCHEMES OF THE CORPORATION OF MADRAS.

	(RS IN LAKHS.)
Provision in the Third Plan	2,00·00
Revised Estimate for 1961–62	1,10·40
Budget Estimate for 1962–63	1,00·00

During 1961–62, 8 drainage schemes at a cost of Rs 36 lakhs and 26 water-supply schemes (of which 15 schemes are spillover from the Second Plan) at a cost of Rs 67·40 lakhs will be taken up for execution. Eleven spillover and two new water-supply schemes will be completed during 1961–62. During 1962–63, in addition to completing the works already taken up, new drainage and water-supply schemes will be taken up. A lumpsum outlay of Rs 1 crore has been provided for 1962–63.

E. RURAL WATER-SUPPLY AND SANITATION SCHEMES.

	(RS IN LAKHS.)
Provision in the Third Plan	1,50·00
Revised Estimate for 1961–62	15·54
Budget Estimate for 1962–63	20·31

Under this head, there are two schemes namely " Rural Water-supply (Comprehensive) Scheme " and the " National Water-supply and Sanitation (Rural) Scheme ". A total provision of Rs 1,50 lakhs is available in the State Plan for the schemes.

I. Rural Water-supply (Comprehensive) Scheme.

This scheme has since been got merged with the village works grant programme of the Panchayat Unions under which adequate sums will be spent on expansion of rural water-supply.

II. National Water-supply and Sanitation (Rural) Schemes.

	(RS IN LAKHS.)
Revised Estimate for 1961–62	14·00
Budget Estimate for 1962–63	20·00

The Government have since decided that the works sanctioned so far under this head should be completed and that no new works should be taken up for the Third Plan period.

HOUSING.		
		(RS IN LAKHS.)
Third Plan Provision	.. ..	7,00·00*
Revised Estimate for 1961–62	..	1,17·36*
Budget Estimate for 1962–63	..	1,28·33*

XX. HOUSING.

The programme of work proposed to be taken up in 1962–63 under the various schemes under this head is set out below :—

1. Subsidised Industrial Housing Scheme.

(1) *Government Projects.*

Proposals for construction of houses for industrial workers at the following places are under various stages :—

(1) Madurai	..	240 houses.
(2) Singanallur	..	200 ,,
(3) Coimbatore	..	200 ,,
(4) Tiruppur	..	100 ,,
(5) Rajapalayam	..	100 ,,
(6) Madras	..	100 ,,
(7) Salem	..	20 ,,
(8) Katpadi	..	20 ,,
Total	..	980 ,,

An expenditure of Rs 15·84 lakhs is anticipated on the schemes in the current year and an outlay of Rs 25 lakhs has been proposed for 1962–63.

(2) *Co-operative Projects.*

Under this scheme, loans and subsidies are given to the housing societies composed of industrial workers on the basis of the standard cost of tenements evolved by the Government of India. Sixty-five per cent of the cost is given as loan and 25 per cent as subsidy. The balance of 10 per cent is to be contributed by the worker members. The scheme was implemented as a Plan Scheme during the Second Five-Year Plan and is continued during the Third Five-Year Plan also.

During the current year, i.e., 1961–62, 240 houses will be constructed by the Societies and a sum of Rs 10·00 lakhs will be disbursed by way of loan and subsidy.

The programme for the year 1962–63 is the construction of 240 tenements.

(3) *Private Industrial Projects.*

An outlay of Rs 4·58 lakhs is anticipated in 1961–62 for the scheme of provision of houses for industrial workers by private employers. An outlay of Rs 5 lakhs has been proposed for 1962–63.

2. Plantation Labour Housing.

Ninety houses are proposed for 1962–63 under this scheme at a cost of Rs 1·75 lakhs.

* Excludes Central Scheme of Centrally-Sponsored Schemes.

3. VILLAGE HOUSING PROJECT.

This is a continuation scheme of the Second Five-Year Plan and there is a provision of Rs 25 lakhs for the Third Five-Year Plan period. A sum of Rs 6·00 lakhs is anticipated to be utilized on the scheme in 1961–62. Under the scheme, 1,088 houses are under construction and 339 houses were completed. The house construction is being done in 85 villages. The number of villages selected for implementation is 269 up to the end of August 1961.

The Budget Estimate for the year 1962–63, is Rs 4·15 lakhs. New villages are being selected.

4. LOW-INCOME GROUP HOUSING—MADRAS HOUSING UNIT.

The provision made in the Budget for the Low-income Group Housing Schemes of the Madras Housing Unit for 1961–62 is Rs 25 lakhs. It is proposed to utilize this provision for the construction of about 300 houses. The entire provision is expected to be spent and all the houses constructed during 1961–62.

Concrete proposals for the execution of schemes during 1962–63 have not yet been formulated. It is, however, proposed to construct the same number of houses, viz., 300 in that year also with a provision of Rs 25·00 lakhs.

Low-income Group Housing Scheme—Co-operative Societies.

Under this scheme, for which the entire funds are provided by the Government of India, persons whose income does not exceed Rs 6,000 per annum are provided with loans up to 80 per cent of the cost of construction including the value of the site subject to a maximum of Rs 8,000. The scheme was implemented as a Plan Scheme, during the Second Five-Year Plan. It is continued during the Third Five-Year Plan period also.

The programme for 1961–62 is the construction of 300 houses and issue of loans to the extent of Rs 25·00 lakhs. The above targets will be achieved according to schedule.

During the year 1962–63, it is proposed to construct 300 houses and to issue loans to the housing co-operatives to the extent of Rs 25·00 lakhs.

Low-income Group Housing Scheme—Local Bodies.

The provision for the year 1961–62 is Rs 10 lakhs. Proposals to the extent of Rs 10 lakhs are expected to be sanctioned during the year and the entire provision will be utilized. For 1962–63 also, a sum of Rs 10 lakhs has been allotted for the scheme.

5. TOWN-PLANNING.

(1) *Loans to Local Bodies for Town-Planning Schemes.*

	(RS IN LAKHS.)
Revised Estimate for 1961–62	8·04
Budget Estimate for 1962–63	8·54

The scheme is a continuation of the scheme already implemented under the Second Five-Year Plan for assisting the local bodies with finance as well as technical advice for their detailed Town-Planning Schemes. It is proposed to prepare layout designs and draft schemes for 260 detailed Town-Planning Schemes and execution in part of 55 sanctioned Town-Planning Schemes. This scheme will benefit 40,000 acres of urban area during the Third Five-Year Plan period.

The target for 1961–62 is to prepare layout designs for 52 detailed Town-Planning Schemes. During 1962–63, a sum of Rs 8·54 lakhs is proposed to be disbursed to local bodies for the preparation of layout designs and draft schemes for 52 detailed Town-Planning Schemes.

(2) *A Scheme for the preparation of Outline Development Plans and Master Plans (Municipal Town-Planning).*

	(RS IN LAKHS.)
Revised Estimate for 1961–62	1·09
Budget Estimate for 1962–63	0·97

The object of this scheme is to secure outline Development Plans or Master Plans for 22 Municipal Towns during the Third Five-Year Plan period. The Outline Development Plans will indicate among other things, proposals for communication and transport, open spaces and public amenities, zoning of land uses and fixation of vicinity areas to be included in the Town for development purposes.

The physical target during 1961–62 is the finalisation of outline Development Plans for two Municipal Towns, viz., Coimbatore and Pollachi and collection of required particulars for Srirangam and Tiruchirappalli Municipal Towns. The entire provision under this scheme represents staff expenditure. The Unit office which was established on 1st May 1961 has completed the collection of preliminary data and statistics in respect of Coimbatore Town, for the preparation of outline Development Plan. During 1962–63, it is proposed to finalise outline Development Plans for six municipal towns.

(3) *Regional Town-Planning Schemes.*

	(RS IN LAKHS.)
Revised Estimate for 1961–62	0·81
Budget Estimate for 1962–63	0·70

It is proposed under this scheme to prepare comprehensive regional plans for three specially important and resurgent regions with a view to regulate development thereon. The three regions selected are—

(1) Region comprising of vicinity areas of Madras,

(2) Region influenced by the Neyveli Lignite Project, and

(3) Region comprising of vicinity areas of Coimbatore Town.

Each region will comprise of roughly 800 square miles. The studies and proposals will include land use patterns, Agriculture and Industry, Village and Urban Grouping, Industrial Locations, Regional Transport and Communication Systems, etc.

During 1961–62 work has been commenced in regard to the Region around the City of Madras. Staff has been appointed for one field Unit and the first Field office will soon be stationed at Pallavaram for Survey work. During 1962–63, the investigation and survey work for the Madras City Vicinity Region will be completed and survey work in Coimbatore region will be taken up.

6. SLUM CLEARANCE (CENTRALLY-SPONSORED SCHEME).

	State share.	*Central share.*	*Total.*
		(RS IN LAKHS.)	
Revised Estimate for 1961–62	10·00	45·00	55·00
Budget Estimate for 1962–63	15·00	45·00	60·00

The Slum Improvement Schemes under execution by the Madras Housing Unit envisage development of 3,580 open plots and construction of 138 tenements. Out of these, five schemes are nearing completion and five are at various stages of execution.

A provision of Rs 60 lakhs has been proposed for 1962–63. Out of this Rs 15 lakhs has been shown in the State Plan, the balance of Rs 45 lakhs will be shown in the Central Plan. The physical target envisaged is 2,000 developed plots and 300 tenements.

This includes provision required by the local bodies also.

7. Bulk Acquisition (Centrally-sponsored Scheme).

		(Rs in lakhs.)
Revised Estimate for 1961–62	.. ..	100·00*
Budget Estimate for 1962–63	.. ..	70·00*

Under this Scheme, the State Housing Board has proposed to develop five Neighbourhoods, viz., Kodambakkam Pudoor Neighbourhood, South Madras Neighbourhood, North Madras Neighbourhood, West Madras Neighbourhood and Mid-west Madras Neighbourhood. A Land Development Scheme for Kodambakkam Pudoor Neighbourhood, Part I, comprising an area of about 320 acres has been sanctioned by the State Housing Board at a cost of Rs 90 lakhs. This Neighbourhood has been taken up for development and is expected to be completed by 1962–63.

The development of the South Madras Neighbourhood (about 460 acres) may also be taken up this year. Plots in this Neighbourhood are likely to be ready during this year. Part II of Kodambakkam Pudoor Neighbourhood (about 400 acres) and West Madras Neighbourhood (about 1,234 acres) may be taken up for development next and the sites in these Neighbourhood may become available by April or May 1962. In North Madras Neighbourhood (about 800 acres), plots may become available for allotment in March or April 1962. Similarly in Kodambakkam Pudoor Neighbourhood, Part III (about 300 acres) and Mid-west Madras Neighbourhood (about 1,600 acres) it is expected that plots will be ready by October 1962. The loan provision of Rs 170 lakhs made in the Third Five-Year Plan, is quite inadequate for the implementation of the Scheme. A provision of Rs 70 lakhs has been proposed for 1962–63.

8. Middle Income Group Housing.

		(Rs in lakhs.)
Budget Estimate for 1962–63	.. ..	40 †

This scheme is intended to benefit persons with an income of over Rs 6,000 but not above Rs 12,000 per annum. It provides for the grant of loans up to 80 per cent of the estimated cost of construction including the site value, subject to a maximum of Rs 20,000. The assistance for construction of houses (excluding the site value) is however, restricted to Rs 16,000.

The State Housing Board has programmed to undertake construction of houses and flats under the scheme in the various scheme areas of the City and Municipal towns at an estimated cost of Rs 51·00 lakhs as detailed below :—

Serial number.	*Description*	*Cost.* (Rs in lakhs.)
1	Construction of 40 houses at Kodambakkam, Part I, Madras	6·40
2	Construction of 40 houses at Kodambakkam Pudoor, Part II, Madras ..	6·40
3	Construction of 40 houses at South Madras Neighbourhood, Madras ..	6·40
4	Construction of 12 numbers of rental flats at Hamilton Bridge Road Scheme area, Madras.	1·92
5	Construction of 100 houses at Madurai	16·00
6	Construction of 45 houses at Coimbatore	7·20
7	Construction of 40 houses at Tiruchirappalli	6·40
	Total ..	50·72

It is anticipated that an expenditure of Rs 40·00 lakhs will be incurred on the above projects during 1962–63 and this amount has been provided in the Budget.

* The entire amount will be met by Government of India and shown in the Central Plan.
† Not included within the plan ceiling.

WELFARE OF BACKWARD CLASSES.			
	Centrally-assisted Schemes.	*Centrally-sponsored Schemes.*	*Total.*
(1)	(2)	(3)	(4)
	(RS IN LAKHS.)		
Third Plan Provision.	3,26·00	2,12·00	5,38·00
Revised Estimate for 1961–62	58·20	30·69	88·89
Budget Estimate for 1962–63	59·80	38·31	98·11

XXI. WELFARE OF BACKWARD CLASSES.

(i) GRANT-IN-AID SCHEMES.

A. SCHEDULED TRIBES.

Education.

During 1961–62, a sum of Rs 1·27 lakh has been provided for the following Education schemes. The provision for 1962–63 is also indicated against each :—

Name of schemes.	*Revised Estimate for* 1961–62.	*Budget Estimate for* 1962–63.
	(RUPEES IN LAKHS.)	
1 Construction of Non-residential Schools	0·13	0·20
2 Construction of Residential Schools	0·30	0·40
3 Construction of hostels	0·50	0·70
4 Non-residential Scholarships	0·04	0·06
5 Opening of Residential School	0·20	0·30
6 Conversion of Non-residential Schools into Residential Schools.	0·10	0·20
Total ..	1·27	1·86

Items 1 and 2—Construction of Residential and Non-residential Schools.

The construction of 3 buildings for 3 schools in Tiruchirappalli at a cost of Rs 36,700 has been sanctioned. Proposals for the school in Coimbatore district are awaited. As regards 1962–63, the provision of Rs 0·60 lakh will be utilized for construction of schools in consultation with the Collectors.

Item 3—Construction of hostels.

Proposals for starting two hostels, one in Madurai district and the other in Tiruchirappalli district during 1961–62 are under consideration. The provision for 1962–63 will be utilized for constructing a hostel in consultation with the Collectors.

Item 4—Non-residential Scholarships.

During 1961–62, 80 non-residential scholarships will be awarded. During 1962–63, 120 non-residential scholarhips will be awarded.

Items 5 and 6—Opening of Residential Schools and conversion of Non-residential into Residential Schools.

With the provision for 1961–62, two residential schools have been proposed to be started, one in Tiruchirappalli district and the other in Coimbatore district. During 1962–63 also, two schools will be started.

Economic uplift.

During 1961–62, a sum of Rs 1·76 lakhs has been provided as follows for schemes under Economic Uplift. The provision for 1962–63 is also indicated therein :—

	Revised Estimate for 1961–62.	Budget Estimate for 1962–63.
	(RUPEES IN	LAKHS.)
1 Agricultural Subsidies	0·90	0·90
2 Minor Irrigation Works	..	0·60
3 Cottage Industries	0·86	0·65
Total	1·76	2·15

Items 1 and 2—Agricultural Subsidies and Minor Irrigation.

During 1961–62, 150 families are expected to be granted agricultural subsidies and 20 families with subsidy for irrigation well. During 1962–63, about 225 families of Scheduled Tribes will be awarded Agricultural subsidy and 40 families for Minor Irrigation Works.

Item 3—Cottage Industries.

The provision of Rs 0·50 lakh for 1961–62 has been sanctioned towards the cost of additional machinery and buildings to the Kotagiri Training-*cum*-Production Workshop and for starting a Carpentry Training Centre at Thandikudi. Proposals for utilizing the provision for 1962–63 would be finalised.

HEALTH, HOUSING AND OTHER SCHEMES.

The allotment for 1961–62 and the Outlay for 1962–63 for each scheme under this group is as follows :—

Name of the scheme.	Revised Estimate for 1961–62.	Budget Estimate for 1962–63.
	(RUPEES IN	LAKHS.)
1 Drinking Water Wells	0·50	0·60
2 Medical Unit	0·15	0·44
3 Roads	0·20	0·30
4 Housing	2·25	2·00
5 Model Villages	0·64	0·24
6 Sample Survey	0·13	0·01
Total	3·87	3·59

Item 1—Drinking Water Wells.

Thirty Drinking water wells will be sunk during 1962–63.

Item 2—Medical Unit.

One Mobile Medical Unit will be started during 1961–62 and this will be continued in 1962–63.

Item 3—Roads.

The amount intended for 1961–62 has been allotted to Madurai district. Estimates are under preparation. Proposals for 1962–63 will be finalised in due course.

Item 4—Housing.

About 266 houses are expected to be constructed during 1961–62 at the increased rate of subsidy at Rs 750. Similar number of houses are programmed to be constructed during 1962–63.

B. Scheduled Castes.

During the Third Five-Year Plan, a sum of Rs 2,45 lakhs has been provided for the Welfare of Scheduled Castes. Out of this, a sum of Rs 41·30 lakhs has been proposed to be spent during 1961–62 and Rs 42·20 lakhs in 1962–63 on the various schemes detailed below :—

	Revised Estimate for 1961–62.	*Budget Estimate for* 1962–63.
	(RUPEES IN LAKHS.)	
1 Education	20·30	17·70
2 Agriculture	6·00	7·00
3 Land Colonisation	4·00	5·00
4 Cottage Industries	6·00	6·50
5 Housing	5·00	6·00
Total	41·30	42·20

1. *Education.*

The amount of Rs 20·30 lakhs under this item is proposed to be utilised in 1961–62 on the following items :—

(*a*) Construction of, and grants to schools.

(*b*) Supply of mid-day meals.

(*c*) Opening of new hostels.

(*d*) Taking over of subsidised hostels.

(*e*) Construction of hostel buildings.

(*f*) Construction of hostel building at Saidapet.

(*g*) Construction of building for Government Nandanar Girls' High School and hostel at Chidambaram.

(*h*) Grant of scholarships and schooling charges.

It is proposed to continue these scheme during 1962–63 also. A sum of Rs 17·70 lakhs has been proposed for the Educational Schemes during 1962–63. About 16,000 scholarships are expected to be given during the year over the level in 1960–61 as against 14,000 in 1961–62.

2. *Agriculture.*

A sum of Rs 6 lakhs has been provided during 1961–62 towards the grant of subsidy for the purchase of plough bulls and towards subsidy for sinking of irrigation wells. One thousand families towards the grant of plough bulls and 137 families towards the grant of irrigation wells are expected to be benefited during 1961–62.

During the year 1962–63, a sum of Rs 7·00 lakhs has been provided under this scheme. Subsidies will be granted for purchase of 1,250 pairs of bills and for sinking 170 wells.

3. *Land Colonisation.*

During 1961–62, a sum of Rs 4·00 lakhs has been provided for the above scheme. Twenty-three Land Colonisation Co-operative Societies have been sanctioned for the benefit of 924 Harijan colonists. The extent of land involved in the scheme sanctioned by the Government is 3,902·50 acres. A sum of Rs 5 lakhs has been proposed to be spent for the purpose during 1962–63.

4. *Cottage Industries.*

During 1961–62, a sum of Rs 6 lakhs has been provided towards Cottage Industries. Out of this provision, a sum of Rs 2·50 lakhs has been distributed among the districts towards the grant of subsidy to the technically trained Scheduled Caste persons and a sum of Rs 1 lakh has been earmarked for organisation of Milk-supply Co-operative Societies for Harijans, on account of payment of necessary grant. The balance of Rs 2·50 lakhs has been distributed among the Director of Industries and Commerce, Madras, Secretary, State Khadi and Village Industries Board, Madras and Director of Women's Welfare, Madras.

For the year 1962–63, a sum of Rs 6·50 lakhs has been provided for the continuance of these schemes.

5. *Housing.*

During 1961–62, a sum of Rs 5 lakhs has been distributed among the districts towards the construction of houses for Scheduled Castes. For the year 1962–63, a sum of Rs 6·00 lakhs has been provided towards housing for Scheduled Castes.

C. Other Backward Classes.

A sum of Rs 40·00 lakhs has been provided for the Plan period for the grant of scholarship and Boarding grants to the students belonging to other Backward Classes.

During the current year, a sum of Rs 10·00 lakhs has been provided, for the grant of 2,062 scholarships and 1,330 boarding grants to the students belonging to other Backward Classes.

For the year 1962–63, a sum of Rs 10·00 lakhs has been proposed for continuing the scheme. Two thousand scholarships and 1,330 boarding grants will be given during the year over the level in 1960–61.

(ii) CENTRALLY SPONSORED SCHEMES.

A. Scheduled Tribes.

Under the Third Five-Year Plan, a sum of Rs 2·00 lakhs has been provided for the formation of "Forest Co-operatives and multi-purpose Co-operative Societies" for Scheduled Tribes. The outlay for 1961–62 is Rs 0·30 lakh and this has been placed at the disposal of the Registrar of Co-operative Societies to be utilised for forming the Forest Co-operatives and multi-purpose Co-operative Societies. The amount will be utilised during the current year.

For the year 1962–63, a sum of Rs 0·40 lakh has been proposed and this will be utilised for forming such Co-operative Society during 1962–63.

B. Scheduled Castes.

During the Third Five-Year Plan, a sum of Rs 110 lakhs has been provided under Centrally-sponsored Scheme for Scheduled Castes. Out of this, a sum of Rs 18 lakhs has been proposed to be spent during 1961–62 and Rs 20·50 lakhs during 1962–63 on the various schemes mentioned below :—

	Revised Estimate for 1961–62.	*Budget Estimate for* 1962–63.
	(RUPEES IN LAKHS.)	
(1) House-sites for Harijans	10·00	10·50
(2) Housing for Sweepers and Scavengers	5·00	6·00
(3) Supply of wheel barrows	3·00	4·00
Total ..	18·00	20·50

1. *House-sites for Harijans.*

A sum of Rs 10 lakhs has been provided during the current year, for the acquisition of lands for the provision of house-sites for Harijans. House-sites are given free of cost to all Harijans who do not already own house-sites except in cases where they can afford to pay.

The scheme of providing well-developed plots at a cost of Rs 22,500 in each of the districts of Chingleput and South Arcot will be met from this allotment during 1961–62.

For the year 1962–63, a sum of Rs 10·50 lakhs has been proposed towards the implementation of the scheme.

2. *Housing for Sweepers and Scavengers.*

During the Second Plan period, no specific provision for the housing of sweepers and scavangers was made as it was considered as the primary responsibility of the local bodies to provide houses to their employees. However in order to give preference to the persons engaged in unclean occupations, it is proposed to construct houses for sweepers and scavengers during the Third Five-Year Plan.

During 1961–62, a sum of Rs 5 lakhs has been provided for the above scheme. This scheme will be implemented by the Inspector of Local Boards and Municipal Councils, Madras.

During the year 1962–63, a sum of Rs 6 lakhs has been provided towards housing for sweepers and scavangers.

3. *Supply of wheel barrows.*

As a measure calculated to eliminate the practice of carrying nightsoil by scavengers in basket or buckets as head loads and as a first step, a scheme has been formulated for the purchase and distribution of wheel barrows to the scavengers through the agency of municipalities and panchayats under whom they are employed during 1960–61, the last year of the Second Plan.

A comprehensive scheme has been chalked out during the Third Plan. Wheel barrows will be supplied to the Scavengers working in the municipalities and panchayats through the agency of the Inspector of Municipal Councils and Local Boards, Madras. During 1961–62, a sum of Rs 3 lakhs has been placed at the disposal of Inspector of Municipal Councils and Local Boards, Madras. During 1962–63, a sum of Rs 4 lakhs has been provided for the above purpose.

C. Denotified Tribes.

During the Third Five-Year Plan, a sum of Rs 100 lakhs has been provided for welfare of Denotified Tribes. Out of this, a sum of Rs 12·39 lakhs has been proposed to be spent during 1961–62 and Rs 17·41 lakhs during 1962–63 on the various schemes detailed below:—

	Revised Estimate, 1961–62.	*Budget Estimate,* 1962–63.
	(RUPEES IN LAKHS.)	
(1) Education	4·64	6·71
(2) Agriculture	3·50	3·50
(3) Cottage Industries	1·00	2·20
(4) Housing	3·25	5·00
Total ..	12·39	17·41

1. *Education.*

The amount of Rs 4·64 lakhs provided under this item is proposed to be utilised for the following :—

(1) Supply of mid-day meals.

(2) Pre-metric Scholarships.

(3) Construction of buildings for boarding homes at Chingleput.

(4) Boarding grants.

It is proposed to continue these schemes during 1962–63 also. A sum of Rs 6.71 lakhs has been proposed for the educational schemes during 1962–63. Two hostel buildings will be constructed.

2. *Agriculture.*

A sum of Rs 3·50 lakhs has been provided during 1961–62 for the grant of subsidy for the purchase and supply of plough bulls and for the grant of subsidy on half loan and half grant basis for sinking Irrigation wells.

For the year 1962–63, a sum of Rs 3·50 lakhs has been provided for continuing the schemes.

3. *Cottage Industries.*

During 1961–62, a sum of Rs 1·00 lakh has been provided with a view to create an incentive for the Development of Cottage Industries among Denotified Tribes with subsidiary occupations. The amount has been placed at the disposal of the Director of Industries and Commerce, Madras, State Khadi and Village Industries Board, Madras and Director of Women's Welfare.

For the year 1962–63, a sum of Rs 2·20 lakhs has been proposed for the continuance of these schemes and also for starting fresh schemes. The amount will be placed at the disposal of the Director of Industries and Commerce, State Khadi and Village Industries Board, and the Director of Women's Welfare.

4. *Housing.*

During the current year a sum of Rs 3·25 lakhs has been provided for the construction of 433 houses for the Denotified Tribes in this State. For the year 1962–63, a sum of Rs. 5·00 lakhs has been provided for the construction of 660 houses.

SOCIAL WELFARE	(RS IN LAKHS.)
Third Plan Provision	*51·63
Revised Estimate for 1961–62 ..	*0·30
Budget Estimate for 1962–63 ..	* 1·75

XXII. SOCIAL WELFARE.

WOMEN'S WELFARE.

(i) *Starting of four Service Homes in Districts.*

In the Third Five-Year Plan it has been proposed to start four Service Homes for women in the districts of Thanjavur, South Arcot, North Arcot and Ramanathapuram. The Plan provision for the scheme is Rs 13·51 lakhs.

2. These Service Homes will serve as model Homes to educate and train young widows and destitute women and later rehabilitate them suitably, so that they may earn their livelihood. Provision is made only for a limited number of 50 women and 25 children in each of these homes.

3. It is proposed to start one Service Home either in the district of South Arcot or Thanjavur during 1962–63 and a sum of Rs 57,300 has been provided for this.

(ii) WORKING WOMEN'S HOSTEL.

	(RS IN LAKHS.)
Third Plan Provision	1·92
Budget Estimate for 1962–63	0·18

Starting of four Hostels for Working Women in Districts.

Since the number of working women in the State has increased considerably in the last few years, the need for providing adequate accommodation has arisen. The State Social Welfare Board considers that the Working Women's Hostels need not be run by the State Government and that the private institutions running such hostels can be aided with building grants from Government. A provision of Rs 18,000 will be required under this head for 1962–63 for aiding two institutions with building grants.

* Excludes the Central's share of Centrally-sponsored Schemes which will be provided for in the Central Plan.

SCHEMES RELATING TO THE DEPARTMENT OF APPROVED SCHOOLS AND VIGILANCE SERVICE.

This Department has been entrusted with the following Schemes to be implemented in 1961–62 and continued in 1962–63 :—

(1) Conversion of the After-Care Shelter for Boys at Chingleput into an After-Care Home for Boys.

(2) Training of Upper Strata personnel of the Government Approved Schools.

An expenditure of Rs 0·41 lakh is anticipated to be incurred in 1961–62 on item (1) and Rs 0·48 lakh in 1962–63.

As regards the second scheme, viz., Training of Upper Strata personnel of the Government Approved Schools, it is dependent on the starting of a training Course for the officials of the Government Departments in charge of correctional administration by the Madras School of Social Work, Madras. As soon as the School starts the Training Course, the Upper Strata personnel of the Government Approved Schools will be deputed for the training as per programme already chalked out in the Scheme. An outlay of Rs 0·06 lakh is proposed for 1962–63.

Opening of Boys' Clubs.

It is proposed to open three Boys' Clubs during the year 1961–62 for tackling the problem of Juvenile delinquency one each at Neyveli, Madurai Urban and Madras City. During the year 1962–63 it is proposed to open six more Boys' Clubs, one each in the districts of Chingleput, Thanjavur, Tiruchirappalli, Salem, Tirunelveli and Coimbatore. A provision of Rs 0·39 lakh has been made for the scheme for 1962–63.

Beggar Homes.

It is proposed to open during 1962–63 one work house for 100 able-bodied beggar inmates at Chidambaram which is a tourist and pilgrimage centre. A provision of Rs 0·62 lakh has been proposed for the scheme for 1962–63.

SCHEME FOR CARE OF PRE-SCHOOL CHILDREN.

A scheme has been drawn up for establishing pre-schools for children of 2 to 5 years of age, initially, in every village Panchayat area. This will involve ultimately the establishment of about 12,000 pre-schools. The coverage aimed at is 6 lakhs of children, i.e., roughly 25 per cent of the population of the age-group 2—5. According to the scheme drawn up, this target is to be reached in next 9 years. The programme to be followed in the pre-school will be adaptation of and simplification of programme of care in Balwadis which consists essentially of simple indoor or outdoor activities (both directed and spontaneous), inculcation of hygienic habits, simple gardening, physical co-ordination of limbs and correct posture, hand work (paper work, mat weaving, clay modelling, etc.) artistic activities (dancing, singing in chorus, dramatics, drawing and painting), sight-seeing, articulation (correct enunciation, fables, dialogue) learning the alphabets, counting and elementary rules of social etiquette and behaviour.

The State Social Welfare Board has agreed to undertake the task of working out the detailed programme to be followed in the pre-schools. The Women's Welfare Committee at the block and village levels will be in charge of the supervision of implementing the scheme. A selected trained thayi or other suitable person will be in charge of the programme in the village. She will be responsible for collecting the pre-school children from their houses, bringing them to the school, taking care of them during their stay and returning them to their homes.

To start with, it is proposed to implement the scheme in one block in each Development district. A token provision has been made in the Budget Estimates, 1962–63.

LABOUR WELFARE.			
Craftsmen Training and Employment Services.			
	State Share	*Central Share*	*Total.*
	(RS IN LAKHS.)		
Third Plan Provision.	1,32·50	2,00·00	3,32·50
Revised Estimate for 1961–62	10·22	10·27	20·49
Budget Estimate for 1962–63	28·31	32·52	60·83

XXIII. LABOUR WELFARE.

1. Craftsmen Training Schemes.

	(RS IN LAKHS.)
Third Plan Provision	3,25·00
Revised Estimate for 1961–62	20·43
Budget Estimate for 1962–63	60·17

In order to meet the growing demand of Craftsmen in various Engineering, establishments and Vocational Trades on account of the rapid increase in the tempo of industrialisation of the country, a number of Craftsmen Training Schemes with the object of turning out larger number of technically trained personnel on a country-wide basis were drawn up and included in the Third Plan of this State.

The Table below shows the programme proposed for the first two years of the Plan, as well as the programme for the Third Plan period :—

Name of the Scheme.	*Proposal for Third Plan.*	*Proposed to be implemented during 1961–62.*	*Proposed for 1962–63.*
1 (*a*) Industrial Training Institutes ..	14	5	4
(*b*) Seats	3,500	966	848
2 Apprenticeship Training	2,000	400	400
3 Evening Classes for Industrial Workers—			
(*a*) Centres	2	1	1
(*b*) Seats	400	100	200
4 Hostels	8	1	..
5 Staff quarters	9	..	..

During 1962–63, six schemes will be implemented at an estimated cost of Rs 60·17 lakhs of which the Central Government's share is Rs 31·92 lakhs and State's share is Rs 28·25 lakhs.

The various schemes included under Third Plan are described briefly below :—

(1) *Apprenticeship Scheme.*

	(RS IN LAKHS.)
Third Plan Provision	52·00
Revised Estimate for 1961–62	1·47
Budget Estimate for 1962–63	3·29

A sum of Rs 3·29 lakhs has been set apart for 1962–63 for this scheme. Four hundred additional seats will be introduced during the year out of the total target of 2,000 seats for the Third Plan period.

(2) *Provision of Hostels for Industrial Training Institutes.*

	(RS IN LAKHS.)
Third Plan Provision	21·00
Revised Estimate for 1961–62	0·55
Budget Estimate for 1962–63	2·26

The scheme contemplates provision of hostels for eight Industrial Training Institutes. The sites required for all the Industrial Training Institutes will be acquired by 1962–63 and construction work will be started. A sum of Rs 2·26 lakhs has been set apart for 1962–63.

(3) *Provision of Staff quarters.*

	(RS IN LAKHS.)
Third Plan Provision	12·00
Revised Estimate for 1961–62	0·02
Budget Estimate for 1962–63	0·02

The scheme contemplates provision of staff quarters for the essential staff at nine Industrial Training Institutes. Provision for the cost of lands required has been made for the year 1961–62. Lands for all Industrial Training Institutes will be acquired and the construction work will be started during 1962–63.

(4) *Evening Classes for Industrial Workers.*

	(RS IN LAKHS.)
Third Plan Provision	3·90
Revised Estimate for 1961–62	0·07
Budget Estimate for 1962–63	0·18

During 1962–63, evening classes will be started newly at Madurai with 100 students. Besides, 100 additional students will be admitted in the Industrial Training Institute, Coimbatore. A sum of Rs 0·18 lakh has been set apart for this scheme for 1962–63.

(5) *Industrial Training Institutes.*

	(RS IN LAKHS.)
Third Plan Provision	2,10·00
Revised Estimate for 1961–62	14·50
Budget Estimate for 1962–63	48·64

It is proposed to set up new Industrial Training Institutes at Katpadi, Salem, Ariyalur, Chingleput, Coonoor, Tiruchirappalli, Dindigul, Mettur and Paramakudi and also to take over three District Board Schools for remodelling them into Standard Industrial Training Institutes. During 1961–62, five Industrial Training Institutes will be set up at Katpadi, Salem, Ariyalur, Chingleput and Coonoor. Three District Board Schools will also be taken over. During 1962–63, four new Industrial Training Institutes at Paramakudi, Dindigul, Mettur and Tiruchirappalli will be started. The target of seats proposed for the year 1962–63 is 848 which is inclusive of additional seats proposed to be introduced in the existing Industrial Training Centres. A sum of Rs 48·64 lakhs has been set apart for this scheme for 1962–63.

(6) *Replacement of worn-out and deficiency equipment.*

	(RS IN LAKHS.)
Third Plan Provision	2·00
Revised Estimate for 1961–62	..
Budget Estimate for 1962–63	0·30

The scheme contemplates supply of deficient equipment for the Industrial Training Institutes. During 1962–63, it is proposed to purchase equipment require for the Industrial Training Institutes at Madurai, Coimbatore and North Madras. A sum of Rs 0·30 lakh has been provided for this purpose.

EMPLOYMENT SERVICE.

	(RS IN LAKHS.)
Third Plan Provision	7·50
Revised Estimate for 1961–62	0·06*
Budget Estimate for 1962–63	0·16*

I. Expansion of Employment Coverage.

An Employment Bureau for highly-qualified applicants is proposed to be established in the City of Madras in the first instance. An officer of the grade of an Assistant Director will be in charge of this Bureau. Along with this programme, the State Vacancy and Labour Clearing will also be carried out by the Assistant Director.

It has been proposed to establish three Bureaux in the State for disseminating information on careers and employment avenues to the residents of Rural areas.

* This represents the total cost. In the State Plan, only 40 per cent of these amounts are included; the balance 60 per cent being shown under Central Plan.

MISCELLANEOUS.	(RS IN LAKHS.)
Third Plan Provision	59·44
Revised Estimate for 1961–62.	8·96
Budget Estimate for 1962–63 ..	9·94

MISCELLANEOUS.

STATISTICS.

	(RS IN LAKHS.)
Third Plan Provision	24·44
Revised Estimate for 1961–62	4·00
Budget Estimate for 1962–63	5·00

The following nine schemes have been included under this head :—

(1) Strengthening of State Statistical Bureau for over-all Planning needs.

(2) District Statistical Agency.

(3) Statistical Staff at the headquarters for Community Development/National Extension Service areas.

(4) Sample surveys in collaboration with N.S.S. (including goods traffic surveys).

(5) Training of statistical personnel.

(6) Consumption studies through analysis of sales tax data.

(7) Extension of industrial statistics.

(8) Second survey of Lower Bhavani Area and Neyveli Area.

(9) Cost of production of rice.

Items (2) and (4) have recently been sanctioned. Under item (1), the scheme for estimation of National income has also been sanctioned. Necessary action has been taken for implementing the above schemes. These schemes will be continued in 1962–63. Details of other schemes are being finalised.

INFORMATION AND PUBLICITY SCHEMES.

	(RS IN LAKHS.)
Third Plan Provision	35·00
Revised Estimate for 1961–62	4·96
Budget Estimate for 1962–63	4·94

In 1961–62, it was proposed to take up the following Schemes :—

(1) Extension of Integrated Field Publicity Schemes in two districts.

(2) Intensification of the Scheme of Publicity and Propaganda.

Under the intensification of Publicity and Propaganda, the following items of work are undertaken :—

(1) Songs and dramas.

(2) Exhibitions.

(3) Display advertisement.

(4) Plan Publicity Week Celebrations.

(5) Production of Publicity materials.

(6) Production of documentary films.

(7) Opening of Information Centres in two district headquarters.

For 1962–63, a provision of Rs 4·94 lakhs has been proposed. The following are the proposals in addition to provisions made for the Integrated Field Publicity Scheme and running the District Information Centres :—

	(RS IN LAKHS.)
(1) Songs and dramas	0·60
(2) Exhibitions	0·40
(3) Display Advertisement	0·40
(4) Plan Publicity Week	0·40
(5) Production of Publicity Materials	1·00
(6) Production of Documentary films	2·00